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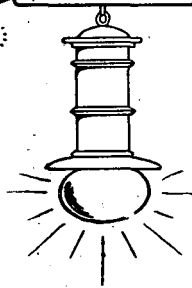
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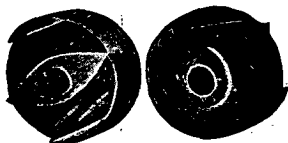
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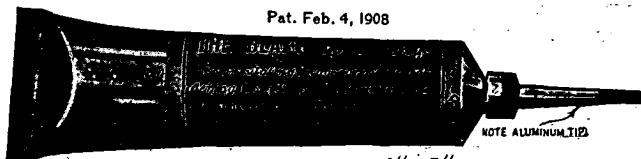


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Abstract of Part Two of the National Electric Safety Code

[EDITOR'S NOTE.] The safety rules for the installation and maintenance of overhead and underground electrical supply and signal lines given below are an abstract of Part 2 of the National Electrical Safety Code. This code has been the subject of an extended study and investigation by the Bureau of Standards, Washington, D. C., in which our Brotherhood has co-operated. It was issued Nov. 15, 1916, for "examination, trial and constructive criticism." These rules are recommended for adoption on trial by all state and civic bodies having jurisdiction over electrical construction and maintenance for the safety of workers and the public. Up to this time twenty-seven public service, industrial and insurance commissions and many municipalities have adopted or recommended the code in whole or in part. It has also been voluntarily adopted for trial use by numerous public utilities where no administrator has taken action."

The following code rules are limited to those concerning line construction and safety which are of particular interest to our members. The code rules for strength of construction under severe wind and ice loads are omitted since they most directly affect the public safety and contain tabular matter of considerable length. These may be included in later issues if this is found desirable, as they contain information on conductor sizes and sags, and the allowable number of conductors for different sizes of poles, in which many members will be interested.

It will be remembered that the September, 1916, number of our Journal contained the operating safety rules, Part 4 of the code, and these are proving very useful to the membership. At that time we expressed the hope that it might be

feasible later to publish the code's construction rules for overhead and underground lines, and these are now presented.

In order that our members may benefit to the fullest extent by the four years of work devoted to the development of the Safety Code, it is highly desirable that they become familiar with the rules. We advise all members to preserve this issue and subsequent issues containing other parts of the code for their own information and in order to be able to effectively assist in procuring the adoption of proper safety requirements in their respective localities. Whenever the adoption of rules for electrical practice is under consideration by administrators, our membership should be in a position to take the active part which its vital interest in safety warrants, and effective representation at hearings before such administrators will be aided by our study of the code rules.

DEFINITIONS OF SPECIAL TERMS.

1. Electrical supply lines means those conductors and their necessary supporting or containing structures which are located entirely outside of buildings and are used for transmitting a supply of electrical energy.

Does not include open wiring on buildings in yards or similar locations where spans are less than 20 feet, and all the precautions required for stations or utilization equipment, as the case may be, are observed.

Railway signal lines above 400 volts to ground are always supply lines within the meaning of these rules, and below 400 volts may be considered as supply lines, if so run and operated throughout.

2. Signal lines means lines for public or private signal or communication service, and devoted exclusively to the

transmission of signals or intelligence, which operates at not exceeding 400 volts to ground or 750 volts between any two points of the circuit, and the transmitted power of which does not exceed 150 watts. Below 150 volts no limit is placed on the capacity of the system.

Telephone, telegraph, messenger call, clock, fire, or police alarm, and other systems conforming with the above are included.

Lines used for signaling purposes, but not included under the above definition, are considered as supply lines of the same voltage and are to be so run.

Signal lines not for public use coming under the above definition may be run and operated as supply lines if desired, and if consistently so run.

3. Voltage or volts means the highest effective voltage between the conductors of the circuit concerned, except that in grounded multiwire circuits, not exceeding 750 volts between outer conductors, it means the highest effective voltage between any wire of the circuit and the ground.

In ungrounded, low-voltage circuits, voltage to ground means the voltage of the circuit.

When one circuit is directly connected to another circuit of higher voltage (as in the case of an autotransformer), both are considered as of the higher voltage, unless the circuit of lower voltage is permanently grounded. Direct connection implies electrical connection as distinguished from connection merely through electromagnetic or electrostatic induction.

4. Grounded system means a system having a permanent and effective electrical connection to earth. This ground connection may be at one or more points.

"Effective," as herein used, means a connection to earth of sufficiently low resistance and high current-carrying capacity to prevent any current in the ground wire from causing a harmful voltage to exist between the grounded conductors and neighboring exposed conducting surfaces which are in good contact with the earth, or with neighboring surfaces of the earth itself, under the most severe conditions which are liable to arise in practice.

5. Permanently grounded means such an effective connection to the earth (by use of an underground system of metallic pipe mains or other suitable means), as described in the preceding paragraph.

6. Current-carrying part means a part intended to be connected in an electric circuit to a source of voltage. Noncurrent-carrying parts are those not intended to be so connected.

7. Alive or live means electrically connected to a source of potential difference,

or electrically charged so as to have a potential different from that of the earth. The term "live" is sometimes used in place of the term "current-carrying," where the intent is clear, to avoid repetitions of the longer term.

8. Dead means free from any electrical connection to a source of potential difference and from electrical charge; not having a potential different from that of the earth. The term is used only with reference to current-carrying parts which are sometimes alive.

9. Cut-out means any device, such as a fuse or circuit breaker, by which the electrical continuity of a conductor may be automatically broken by changes in current or voltage.

10. Switch means a device for opening or closing or changing the connection of a circuit manually. In these rules a switch will always be understood to be manually operated, unless otherwise stated.

12. Isolation by elevation means elevated sufficiently so that persons may safely walk underneath.

13. Exposed means that an object or device can be inadvertently touched or approached nearer than a safe distance by any person. Objects not suitably guarded or isolated.

14. Insulated means separated from other conducting surfaces by a dielectric substance or air space permanently offering a high resistance to the passage of current and to disruptive discharge through the substance or space.

When any object is said to be insulated, it is understood to be insulated in suitable manner for the conditions to which it is subjected. Otherwise, it is, within the purpose of these rules, uninsulated. Insulating covering of conductors is one means for making the conductors insulated.

15. Insulating (where applied to the covering of a conductor or to clothing, guards, rods, and other safety devices) means that a device, when interposed between a person and current-carrying parts protects the person making use of it against electric shock from the current-carrying parts with which the device is intended to be used; the opposite of conducting.

16. Conductor means a metallic conducting material, usually in the form of a wire or cable, suitable for carrying an electric current. Does not include bus bars.

17. Line conductor means one of the wires or cables carrying electric current, supported by poles, towers or other structures, but not including vertical or lateral connecting wires.

18. Open lines means overhead lines not in conduits, and consisting of single

conductors or of individual twisted pairs, as opposed to multiple conductor cables.

19. **Service** means the connecting conductors by which a supply of electrical energy is carried from a supply line to the building or premises served.

20. **Lateral conductor** means in pole wiring work, a wire or cable extending in a general horizontal direction approximately at right angles to the general direction of the line conductors.

21. **Vertical conductor** means in pole wiring work, a wire or cable extending in an approximately vertical direction.

22. **Normal sag** means the difference in elevation between the highest point of support of a span and the lowest point of the conductor in the span (or in the curve of the conductor in the span produced), at 60° F., with no wind loading.

23. **Apparent sag of a span** means the departure of the wire in a given span from the straight line between the two points of support of the span, at 60° F., with no wind loading. Where the two supports are at the same level this will be the normal sag.

24. **Apparent sag at any point** means the departure of the wire at the particular point in the span from the straight line between the two points of support of the span, at 60° F., with no wind loading.

25. **Pole face** means that side of a pole on which cross-arms are attached, or which is so designated by the utilities owning or operating the pole.

26. **Climbing space** means the vertical space reserved along the side of a pole structure to permit ready access for linemen to equipment and lines located on the pole structure.

27. **Lateral working space** means the space reserved for working between conductor levels, outside the climbing space, and to its right and left.

28. **Conflicting or in conflict** (as applied to a pole line) means that the line is so situated with respect to a second line (except at crossings) that the overturning of the first line will result in contact between its poles or conductors and the conductors of the second line, assuming that no conductors are broken in either line: Provided, however, that lines on opposite sides of a highway, street or alley are not considered as conflicting if separated by a distance not less than 60% of the height of the taller pole line, but in no case less than 20 feet.

29. **Urban districts** means thickly settled communities (whether in cities or suburbs) where congested traffic often occurs. A highway, even though in the country, on which the traffic is often very heavy, is considered as urban.

30. **Rural districts** means all places not urban, usually in the country, but in some cases within city limits.

31. **Wire gages:** The American Wire Gage (A. W. G.), otherwise known as Brown & Sharpe (B. & S.), is the standard gage for copper, aluminum and other conductors, excepting steel, for which the Steel Wire Gage (Stl. W. G.), is used throughout these rules.

32. **Tags** means "men at work" tags of distinctive appearance, indicating that the equipment or lines so marked are being worked on.

PART 2.—Rules for the Installation and Maintenance of Electrical Supply and Signal Lines.

The rules which are here presented are an abridgement of Part 2 of the National Electrical Safety Code. The rules which have been omitted prescribe certain strength requirements of the line and have for their purpose the prevention of failures due to wind, ice loading and temperature variations.

OVERHEAD AND UNDERGROUND LINES.

Sec. 20—General Protective Requirements.

200. Scope of the Rules.

(a) The following rules apply to electrical supply and signal lines in overhead and underground construction, whether operated in connection with public utilities, privately or municipally owned, industrial establishments, or otherwise.

(b) These rules are not intended as complete specifications for overhead and underground line construction, but are intended to embody the requirements which are most important from the standpoint of safety to employees and the public.

(c) Construction should be made according to accepted good practice for the given local conditions in all particulars not specified in the rules. They cover both transmission and distribution lines, and the special construction needed for crossings, conflicts, and common use of poles.

201. Application of the Rules and Exemptions.

(a) The rules are intended to apply to all installations except as modified or waived by the proper administrative authority, or its authorized agents, and are intended to be so modified or waived in particular cases, whenever any rule is shown to involve expense not justified by the protection secured, or for any other reasons to be impracticable; or whenever it is shown that equivalent or safer construction can be more readily provided in other ways.

(b) The intent of the rules will be realized: (1) By applying the rules in full to all new installations, reconstructions, and extensions, except where any rule is shown to be impracticable for special reasons, or where the advantage of uniformity with existing construction is greater than the advantage of construction in conformity with the rules; (2) by placing guards on existing installations or otherwise bringing them into compliance with the rules, except where the expense involved is not justifiable.

The time allowed for bringing existing installations into compliance with the rules as specified in (2) will be determined by the proper administrative authority.

(c) It will sometimes be necessary to modify or waive certain of the rules in cases of temporary installations or installations which are soon to be discarded or reconstructed.

(d) In cases of emergency or pending decision of the administrator, the person responsible for the installation may decide as to modifications or waiver of any rule, subject to review by proper authority.

202. Design and Construction.

All electrical supply lines and equipment shall be of suitable design and construction for the service and conditions under which they are to be operated, and all lines shall be so installed and maintained as to reduce the life hazard as far as practicable.

203. Minimum Requirements.

The requirements of these rules as to spacings, clearances, and strength of construction are minimum requirements. More ample spacings and clearances or greater strength of construction than specified minimum may be provided, if other requirements are not neglected in so doing.

204. Inspection and Tests.

(a) Electrical lines and their equipment shall comply with these safety rules when placed in service, and shall thereafter be systematically inspected by the person responsible for the installation and, when necessary, subjected to tests to determine their fitness for service. Any defects revealed by such inspection shall be recorded, if not promptly corrected. Defective lines and equipment shall be put in good order or effectively disconnected. Lines permanently abandoned, which may create a hazard, shall be removed.

Overhead service loops to consumers are often disconnected without removal when the service is discontinued. This is considered good practice where it is undesirable to remove the service loop entirely.

(b) Lines temporarily out of service shall be maintained in such condition that a hazard will not be created. Infrequently used supply lines and their equipment shall be inspected to determine whether they are in safe condition for service.

205. Isolation Guarding, and Accessibility.

(a) Current-Carrying Parts.—To promote safety to the general public and to employees not authorized to approach conductors and other current-carrying parts of electrical supply lines, such parts shall be so arranged as to provide adequate clearance from the ground or other space generally accessible, or shall be provided with necessary guards so as to effectively isolate them from accidental contact by such persons.

(b) Guards and Warning Signs.—If the supply conductors exceeding 300 volts to ground are carried on poles stepped nearer than 6.5 feet from the ground or from other readily accessible space, or on closely latticed poles or towers, guards or warning signs should be used except on fenced rights-of-way to protect against careless approach to the conductors by unauthorized persons, except that on poles carrying signal cable or twisted pairs below supply conductors, a wood block on one side only of the pole may be placed not less than 3.5 feet from the ground or other readily accessible place without necessitating the use of guards or warning signs.

(c) Noncurrent-Carrying Parts.—In urban districts, ungrounded metal sheathed service cables, service conduits, metal fixtures, and similar noncurrent-carrying parts, where liable to become charged to over 300 volts to ground (see rule 207 b and 252 h) shall be so isolated or guarded as not to be exposed to accidental contact by unauthorized persons.

Metal poles not guarded, isolated, or specially grounded, should always be considered as imperfectly grounded, and the insulators supporting line conductors as well as the strain insulators in attached span wires should therefore have a suitable margin of safety and be maintained with special care, to prevent leakage to the pole as far as practicable.

Metal poles not guarded or isolated shall always be specially grounded where in contact with metal sheathed cable or metal case of equipment operating at over 750 volts.

(d) Accessibility.—All parts which must be examined or adjusted during operation shall be so arranged as to be readily accessible to authorized persons, by the provision of adequate clearances between conductors and of adequate climbing and working spaces and facilities.

206. Arrangement of Switches.

All switches shall be readily accessible to authorized persons and shall indicate clearly whether open or closed.

To minimize operating errors the handles or control mechanism for switches, should, as far as practicable throughout any system, have the same position when open, and a uniformly different position when closed. Where it is advisable to depart from this practice the switches should be so marked as to minimize the liability to mistakes in operation.

207. Grounding Circuits and Equipment.

(a) All lighting arrester grounding, except for signal circuit arresters, and all grounding of circuits, equipment, or wire runways, which is intended to be a permanent protective measure shall be done in accordance with the methods specified in section 9 of the National Electrical Safety Code.

(b) In urban districts metal conduit, cable sheaths, frames, cases, or hangers of equipment not effectively guarded from accidental contact of other than properly qualified workmen shall, if nearer than 8 feet to the ground, be permanently grounded, except metal conduit and cable sheaths inclosing conductors of not over 300 volts to ground and not exposed to probable contact with overhead conductors of over 300 volts to ground. (See rule 205 c).

Metal conduit above ground, where containing extensions from underground metal-sheathed cable, is considered as sufficiently grounded by the sheath, if the sheath itself is in good contact with earth. It is recommended that supply cables have the sheath bonded to any conduit extending above the ground surface.

208. Identification of Conductors and Poles.

(a) All conductors and equipment of electrical supply and signal lines should be arranged to occupy definite positions throughout, as far as practicable, or shall be so constructed, located, marked, or numbered as to facilitate identification by employees authorized to work thereon. This does not prohibit systematic transposition of conductors.

(b) Poles, towers, and other supporting structures on which are maintained electrical conductors shall be so constructed, located, marked, or numbered, as to facilitate identification by employees authorized to work thereon. Date of installation of such structures shall, where practicable, be recorded by the owning utility.

OVERHEAD LINES.

(For operating precautions, see section 48 in September, 1916, Journal.)

SEC. 21.—GRADES OF CONSTRUCTION REQUIRED FOR CROSSINGS, AND OTHER CONDITIONS OF HAZARD.**210. Arrangement of Levels.**

(b) Arrangement of Relative Levels.—Where supply and signal lines or supply lines of different voltage classification cross each other or are in conflict, or are on the same poles or towers, the higher voltage lines shall preferably be carried at the higher levels (see rule 270 b and 240 b).

(c) Signal Lines Not for Public Use.—Signal lines not for public use shall be regarded as in any one of the following classes:

(1) Signal lines for public use, so far as their own construction and that of neighboring supply lines is concerned.

(2) Supply lines of the highest voltage to which they are exposed (with a limit of 7,500 volts), so far as their own construction and that of neighboring supply and signal lines is concerned, with some exceptions as to wire sizes.

(3) Signal lines for public use so far as their own construction is concerned, but not requiring any special construction precautions on the part of neighboring supply or signal lines. In lieu of this, if exposed by supply lines at higher levels, they shall be protected by lighting arresters or other devices which will prevent their voltage to ground from normally exceeding 400.

The rules referring to signal lines in all cases refer to signal lines for public use, and their application to signal lines not for public use is determined by that one of the above construction methods applied to the signal lines and to neighboring lines. The method chosen shall be consistently adhered to throughout the extent of the signal system.

221. Conductors—Material and Minimum Sizes.

(a) All conductors shall be of copper, aluminum with or without steel reinforcement, copper-covered steel or other material which will not corrode excessively under the prevailing conditions.

(b) No wire smaller than No. 6 if soft copper, No. 8 if hard or medium copper, nor less than No. 9 (Stl. W. G.) if steel shall be used for supply lines in urban districts. It is recommended that these minimum sizes shall not be used in spans longer than 150 feet in heavy loading districts and 175 feet in medium and light loading districts. (See rule 242 for increase of conductor separation as sag is increased.)

It is also recommended that medium hard drawn copper wire be used instead of soft, in new construction, especially for sizes smaller than No. 2, and that it conform to the specifications of the American Society for Testing Materials,

Soft copper stretches permanently with a much lighter wind and ice load than does medium copper.

(c) Aluminum or steel-reinforced aluminum conductors shall be stranded. Without reinforcement the size in urban districts shall be not less than No. 1, and not less than No. 0 for spans over 150 feet. With reinforcement the size in urban districts shall be not less than No. 6, and not less than No. 4 for spans over 150 feet.

(d) Service supply leads under 750 volts in urban districts shall not be less than No. 10 if soft copper, No. 12 if hard or medium copper, or less than No. 12 (Stl. W. G.) if steel. If spans exceed 150 feet or voltage exceeds 750, a larger size is required.

Where supply-service leads under 750 volts are carried over trolley contact conductors under 750 volts, they shall be not less than No. 8 if soft copper, No. 10 if hard or medium copper, and No. 12 (Stl. W. G.) if galvanized steel. If spans exceed 150 feet or the voltage of service leads or trolley exceeds 750, the size shall be increased to that required for supply lines in paragraph (b) above.

(f) Lightning protection wires shall be regarded, in respect to size and material requirements, as supply conductors.

SEC. 23.—STRENGTH OF POLES, TOWERS AND OTHER LINE SUPPORTS.

231. Strength of Wood and Steel Supports, Cross Arms and Conductor Fastenings.

Wood and steel poles and supports shall be of such size or so designed and constructed and so set, and guyed where necessary, as to withstand certain prescribed minimum load, including linemen working on them. (See rules in complete Code, section 23, for detailed description.)

Crossarms shall be securely supported by bracing if necessary, so as safely to withstand the vertical loads to which they may be subjected in use, including linemen working on them. In general, they should be maintained at right angles to the axis of pole and to the direction of the attached conductors, and at cross-overs should be attached to that face of the structure away from the crossing, unless special bracing or double cross-arms are used.

SEC. 24.—CLEARANCES AND SEPARATIONS OF LINE CONDUCTORS.

Where supply and signal lines or supply lines or different voltage classifications are in conflict or on the same poles or towers the higher voltage lines shall,

TABLE 1.
Road Crossing Clearances.

(The numbers represent the clearances in feet to be provided by the conductors or wires at the heads of columns, above places specified at the side of the table.)

Nature of crossing.	Signal, guys, spans, lightning protection wires, supply lines less than 300 volts to ground, messengers.	300 volts to ground up to 15 000 volts.	15 000 to 50 000 volts. a	Trolley contact wires (not feeder cables)
Crossing above track rails of railroads handling standard freight cars where brakemen are permitted on top.....	b 27	b 28	30	c 2
Crossing or along streets or alleys in urban districts or crossing streets or roads in rural districts (over the traveled way) or over track rails not included above.....	d 18	20	22	e 16
Along roads in rural districts.....	d 15	18	20	e 16
Crossings above spaces or ways accessible to pedestrians only..	f 10	15	17	e 16

(a) For conductors exceeding 50,000 volts, the clearances given shall be increased at the rate of 0.5 inch or each 1,000 volt excess.

(b) This clearance may be reduced to 25 feet when paralleled by trolley contact conductor on the same street or highway.

(c) In communities where 21 feet has been established, this clearance may be continued if carefully maintained. The elevation of the contact conductor should be the same in the crossing and next adjacent spans.

(d) This does not apply to guys which are not carried over, but merely beside, streets or alleys, unless also over driveways. Over roadways to residence garages, 10 feet is sufficient clearance.

(e) This clearance is the minimum clear height in the middle of the trolley contact conductor span, and the point of support at the trolley hanger should be at a height not less than 18 feet above the traveled way, thus allowing 2 feet for the total maximum sag at 60° F. in span wire and trolley contact conductor.

(f) For guys, 8 feet will be sufficient and no clearance is required for anchor guys not passing across pathways, nor for those parallel with sidewalk curbs where traffic guards are provided.

in general, be carried at the higher levels. (See rule 270 b and 210 b.)

240. Clearances of Conductors and Wires at Crossings.

(a) **Clearances Above Railways,⁶ Roadways and Footways.**—The clear space between the lowest overhead line conductors, guys, messengers, arc, or trolley span wires, or lightning protection wires and the heads of rails, crowns of streets, highways, alleys, or generally accessible spaces across or along (and above) which the former pass, shall not be less than given in Table 1, at 60° F. with no wind, where the conductor or wire has fixed supports and the span does not exceed 150 feet.

(b) **Conductors and Wires Crossing Others.**—The clear space between the lowest overhead line conductor or wire

and any other conductor or wire over which the former crosses (except for crossings between conductors and guy wires or span wires on the same poles, for which see rule 241) shall not be less than given in Table 2, at 60° F. with no wind, where the upper conductor or wire has fixed supports and the sum of the distances from the point of intersection to the nearer supporting structure of each span does not exceed 100 feet.

Conductors of lines operating at the voltages indicated at the heads of columns should, in general, be installed above those to the left of the table, where a clearance is given in the usual type. The insertion of a given clearance in italics indicates that in general the lines operating at the voltage named above this clearance should not cross over the lines at the voltage to the left of the italicized clearance.

TABLE 2.
Wire Crossing Clearances.

Voltage classification.	Signal.	0 to 750 volts.	750 to 7500 volts.	7500 to 50 000 volts.	Guys, messengers, span wires, lightning-protection wires, service loops, a
Signals (including their cables and messenger).....	2	b 4	4	6	2
0 to 750.....	4	2	2	4	2
750 to 7500.....	4	2	2	4	4
7500 to 50 000.....	6	4	4	4	6
Trolley-contact conductors.....	c 4	c d 4	6	6	4
Guys, messengers, span wires, lightning-protection wires, service loops a.....	2	2	4	4	2

(a) Guys, messengers, span wires, and lightning-protection wires may be either above or below the conductors by the clearances given. Service loops should not be above supply lines over 750 volts.

(b) A clearance of 2 feet may be permitted where the supply conductor is above the signal conductor, provided the crossing is not within 6 feet from any pole concerned in the crossing and the voltage to ground does not exceed 300 volts.

(c) Trolley-contact conductors above 750 volts should have at least 6 feet clearance. This clearance should also be provided over lower voltage trolley-contact conductors unless the crossover conductors are beyond reach of a trolley pole leaving the trolley-contact conductor or are suitably protected against damage from trolley poles leaving the trolley-contact conductor.

(d) Trolley feeders are exempt from this clearance requirement for trolley-contact conductors if they are the same nominal potential and of the same system.

(c) **Increased Clearances for (a) and (b).**—(1) The clearances of (a) apply to spans not exceeding 150 feet. For longer spans they should be increased by 1 inch for each 10 feet excess between 150 and 300 feet and by 1 inch for each 20 feet of the excess beyond 300 feet.

(2) Where the sum of the distances from the nearest supporting structures of the two spans concerned to their point of intersection exceeds 100 feet, the clearances given under (b) shall be increased by 2 inches for each 10 feet of the excess between 100 and 200 feet and by 2 inches for each 20 feet of the excess beyond 200 feet.

(3) For voltages over 50,000 the clearances given in (a) and (b) shall be increased at the rate of 0.5 inch for each 1,000 volts excess.

(4) Where the upper line at a crossing between two lines is supported by suspension insulators, the clearances above lines crossed shall be increased sufficiently above those given in (b) to prevent the clearances from being reduced by the breaking of a conductor in either adjoining span by more than 25 per cent below the value given in (b).

The arrangement of insulators so that they are restrained from displacement toward the crossing will avoid the neces-

sity of any increase over the given tabular clearances.

241. Minimum Values of Line-Conductor Clearances, and Separations, at the Supports (for any one Pole Line).
(If Rule 242 gives a greater value it should be followed.)

At any fixed support the clearances of line conductors from their supporting structures and attachments thereto (except insulators to which any conductor is attached) and the horizontal separation between any two line conductors for

spans in which the apparent sag does not exceed 3 feet, shall be not less than the values given in the following table.

Cables, duplex, triplex, and twisted pair conductors, supported on insulators or messengers, whether single or grouped, are considered single conductors, even though they may contain individual conductors not of the same phase or polarity. Clearances between individual wires or cables supported by the same messenger or between any group and its supporting messenger are not subject to the provisions of this rule.

TABLE 3.
Minimum Line-Conductor Clearances and Separations.

[Applying to conductors of the same circuit or of different circuits. See also rule 243 for lateral working space.]

Classification concerned.	Horizontal separation between conductors not of the same phase or polarity.	Clearance from span and guy wires attached to the same pole or from vertical or lateral conductors of other circuits.	Clearance from surfaces of poles or cross arms from vertical or lateral conductors of the same circuit.
	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>
Signal.....	a 6	3	b 3
Direct-current railway feeders No. 4/0 or larger, 0-750 volts..	6	c 6	3
Railway feeders 750-7500 volts and direct-current railway below No. 4/0, 0-7500 volts.....	d 12	c, e 6	3
Supply conductors 0-7500 volts.....	d 12	c, e 6	3
For all conductors above 7500 volts, add, for each kv. over 7500 volts.....	0.4	e 0.4	0.25

(a) The requirement does not apply at points of transaction of line conductors.

(b) Signal conductors may be attached to supports on the sides or bottoms of cross arms or on the surfaces of poles, if at least 4 feet from any supply line of less than 7500 volts and at least 6 feet from any supply lines of over 7500 volts carried on the same pole.

(c) Where a trolley feeder, supply line, or signal line is supported by the span wire concerned this clearance is not required.

(d) Where a separation of 10 to 12 inches has already been established by practice, for spans having apparent sags not over 3 feet and for conductor voltage not over 7500, that minimum separation may be continued, subject to the provisions of rule 242. Where conductors, all of one material and either of one size or arranged with the smaller conductors below those of larger size, are supported on vertical racks in spans averaging not to exceed 150 feet, the minimum of Table 3 may be reduced to one-third the values given.

(e) Clearances from these conductors to guy, span, messenger, or lightning protection wires run in the direction of the line, shall be not less than the separation required between two line conductors of the voltage concerned.

242. Required Line-Conductor Clearances and Separations at the Supports.

(a) Further Requirements for Line-Conductor Separations According to the Sags Concerned.—The separation, at the supports, of line conductors of the same or different circuits shall in no case be less than the values given by the following formulae, 3 in which S is the apparent sag, in feet, of the conductor having the greater sag if they are at the same level (the same crossarm):

Conductor separations in inches: For sizes below No. 2=0.2 inch per kv.+ $12\sqrt{S}-2$; for sizes No. 2 and larger = 0.2 inch per kv. + $7\sqrt{S}$.

The separation, at the supports, of line conductors at different levels (different crossarms) shall be determined by these same formulae.

(b) Further Requirements for Line-Conductor Separations and Clearances at the Supports if Suspension Insulators Are Used.—(1) Where suspension insulators are used and are not restrained from movement, the values of conductor separation required by Table 4 or by (a) shall be increased by one-half the length of the suspension insulator string.

(2) Where suspension insulators are used and are not restrained from movement, the conductor clearances from sur-

faces of supports, from span or guy wires or from vertical or lateral conductors shall be such that the values of clearances required by Table 3 will be maintained with an insulator swing of 45° from the vertical position.

243. Minimum Lateral Working Space and Vertical Separation Between Conductors at Different Levels (on the Same Structure) (Where Rule 242 gives greater values, it should be followed).

(a) The lateral working space between supply conductors and between supply and signal conductors, at different levels, shall have an approximate vertical height of not less than that given in Table 4, with a minimum of 2 feet.

(b) This space on the climbing side of the pole extends laterally from each side of the climbing space to the outer pin position of the arm and with a minimum horizontal width from the face of the crossarm equal to the width of the climbing space required for the highest voltage conductors concerned. (See rule 249a.)

(c) No vertical or lateral conductors shall obstruct this working space. Such conductors, if not on the opposite side of the pole from the climbing side, must be at least as far from the crossarms as the

width of the climbing space required for the highest voltage conductors concerned.

(d) Since buckarms obstruct the lateral working space between line conductors, not more than one single or double buckarm shall be placed on any pole, unless the voltage of all conductors concerned on the adjacent line crossarms above and below does not exceed 750, or unless the lateral working space required by the table is provided between the conductors attached to the buckarm and the conductors on the adjacent linearm to which the conductors on the buckram are not connected.

This may be accomplished by increasing the spacing between the line crossarm gains.

(e) **Exceptions.**—The provisions of this rule do not apply to the vertical spacings between lines at different levels where men do not enter the spaces while the lines are alive. The vertical spacings given do not apply to conductors below 750 volts, where normal spans do not exceed 150 feet and conductors are carried on vertical racks at one side of the pole, if the full width of climbing space is maintained past the rack and at least 4 feet above and below, and the conductor separation is not less than permitted by Table 3 and its notes.

TABLE 4.

Minimum Vertical Separations, in Feet, Between Line Conductors of the Same or Different Voltage Classifications When Carried on the Same Structures, but on Different Cross-arms.

Conductors at lower levels.	Conductors at higher levels.				
	0 to 750 volts.	750 to 7,500 volts. (a)	7,500 to 15,000 volts. (a)	15,000 to 50,000 volts.	15,000 to 50,000 volts. (b)
Signal lines for public use.....	4 (c)	4	6	6	.....
Signal lines not for public use.....	2	2	4	6	4
0 to 750.....	2	2	4	6	4
750 to 7,500.....	.....	2	4	6	4
7,500 to 15,000.....	.....	.....	2	4	4

[In general, conductors of lines operating at the voltages indicated at the heads of columns are to be installed at levels above those at lower voltages to the left of the table when carried on the same structures, with the exception (f) to (i), below the table, and except that trolley-contact conductors and their associated feeders, which for convenience are carried at approximately the same level, are to be installed at levels below signal lines, at least 4 feet below signal lines for public use and at least 2 feet below signal lines not for public use. The specified clearances usually indicate the minimum vertical separation between parallel crossarms (center to center) at the pole.]

(a) Where lines are operated by different utilities a minimum vertical spacing between the respective conductor levels of 4 feet is recommended.

(b) Where lines are operated by one utility only, these reduced vertical separations may be used.

(c) In localities where the practice has been established of placing on commonly used poles crossarms carrying supply circuits of less than 300 volts to ground and crossarms carrying signal circuits for public use, at a vertical separation less than specified in the table, such existing construction (provided the minimum separation between the crossarms in question is not less than 2 feet) may be continued until the said poles are replaced; provided, however, that extensions to the existing construction shall conform to the clearance requirements specified in the table.

When signal lines are all in cable, a supply crossarm carrying only wires not exceeding 300 volts to ground may be placed at not less than 2 feet above the point of attachment of the cable to the pole; provided that the nearest supply wire on such crossarm shall be at least 30 inches horizontally from the center of the pole, and that the cable be placed so as not otherwise to obstruct the climbing space. (See rule 249 (i).)

(f) Supply lines of any one voltage classification may be maintained on the same crossarm with supply lines of the next consecutive classification if they occupy pin positions on opposite sides of a pole; or if in bridge-arm construction they are separated by a distance of not less than the climbing space provided for in rule 249; or if the higher voltage conductors occupy the outer pin positions and the lower voltage conductors the inner pin positions; or vice versa, provided that in the latter arrangement the higher voltage conductors are those of series lighting or similar circuits which are ordinarily dead during periods of work on or above the crossarm concerned.

Where signal lines not for public use and supply lines below 750 volts are owned by the same utility, they may be placed on the same crossarm, when necessary.

(g) In localities where the practice of placing conductors of signal circuits for public use above supply conductors has been generally established, minor extensions with the conductors in the same relative positions and with the clearances covered by the table may be made in either system, but these extensions should not continue beyond a location at which it becomes practicable to change to the arrangement standardized by these rules.

(h) Where poles are used in common by separately owned utilities each of which may have supply conductors of different voltages on the same pole, supply conductors of a lower voltage of one utility may be placed at a higher level than those of a higher voltage of another utility in order to admit of keeping each utility's supply conductors in adjacent positions on the pole, provided that either (1) conductors of a lower voltage classification shall never be at a higher level than those of a higher classification, unless on the opposite side of the pole or (2) that a vertical spacing not less than 4 feet is maintained between the nearest line conductors of the respective utilities, and this spacing be identified (if necessary) as a division space.

(i) Conductors of the same circuit arranged vertically on separate crossarms may occupy the same crossarms with conductors of other circuits of a different voltage similarly arranged, provided the clearance (rule 241) and climbing space (rule 249) specified for the higher voltage are maintained at each level concerned. When so arranged, the minimum vertical separation between crossarms shall be that required in Table 4 for the highest voltage concerned.

244. Conductors of Different Sags on the Same Supports.

Line conductors at different levels and strung to different sags shall have vertical spacings at the supporting structures

so adjusted that the minimum spacing at any point in the span, at 60° F with no wind, shall not be reduced more than 25 per cent from that provided for, by rules 241, 242, and 243, at the supports. Sags should be readjusted when necessary to accomplish the foregoing.

245. Clearances of Conductors of One Line from Poles and Conductors of Another Line.

(a) Where conductors of one line are carried within 6 feet from a supporting structure of a second and conflicting line, and are not attached thereto, the conductors of the first line should be spaced at least as far from all surfaces of structures of the second line as required by rules 241 and 242 for separation between conductors of the circuit concerned. This minimum clearance shall be increased by 1 inch for each 2 feet distance between the supporting structure of the second line and the nearest supporting structure of the first line. In no case shall the climbing space on the structure of the second line be reduced by a conductor of the first line.

(b) The minimum clearance in any direction from any conductor of one line to any conductor of a second and conflicting line shall be 4 feet. In no case should the clearance be less than the values required by rules 241 and 242 for separation between similar conductors on the same support, increased (where approximately at the same level) by 1 inch for each 2 feet of the distance from the middle of the span of the first line to the middle of the span of the second line.

(c) Where conductors of one pole line cross over or under conductors of a second line there shall, if practicable, be not less than 3 feet clearance between the conductors of the first line and any pole or tower of the second line, unless the conductors are attached thereto. In no case should this clearance be less than the values required by rules 241 and 242 for separation between similar conductors on the same support, increased by 1 inch for each 2 feet of the distance from the supporting structure of the second line to the nearest supporting structure of the first line.

246. Clearances of Vertical and Lateral Conductors.

(a) Climbing and Working Spaces.—Vertical and lateral conductors, ground wires, and metal sheathed cables shall not obstruct the vertical climbing space (see rule 249), nor the lateral working space between line conductors at different levels (see rule 243), nor interfere with the safe use of pole steps, where such are installed.

(b) Clearances from Pole Center.—Vertical conductors (except where especially protected, as per d, below) not exceeding 7500 volts shall clear pole cen-

ters by not less than 15 inches for a distance of not less than 4 feet above and below any open supply-line conductors which do not exceed 7500 volts when the latter are carried on or within 4 feet from the pole. If the vertical conductors exceed 7500 volts, this clearance shall be not less than 20 inches. If the supply-line conductors exceed 7500 volts, the clearance from pole center shall apply for a distance not less than 6 feet above and below.

(c) **Clearances Between Conductors and from Conductors to Surfaces and Structures.**—Vertical and lateral conductors, except where protected as per (d), below, shall have the following minimum separations and clearances from other conductors, pole surfaces, and guy, span, or messenger wires:

(1) From surfaces of supports and from other conductors of the same circuit . . . $3'' + 0.25''$ per thousand volts over 7500 volts.

Exception under rule 241 b applies. (See also d 2 below.)

(2) From span, guy, or messenger wire and from conductors of other circuits . . . $6'' + 0.4''$ per thousand volts (highest voltage concerned) over 7500 volts.

(3) From conductors on other supports as provided in rule 245.

The foregoing minimums are for situations where all conductors are rigidly supported on fixed supports. Where not so supported, greater separations and clearances shall be used. (See rule 242 b.)

(d) **Specially Protected Conductors.**—Vertical and lateral conductors may have less clearances than required by (a), (b), and (c) if they have suitable insulating coverings and are incased in conduit or other substantial casing (either of which is insulating, except on metal poles). On poles used only for supply lines the conduit may be omitted for conductors less than 7500 volts, and on poles used in common by supply and signal lines the conduit may be omitted for conductors below 300 volts to ground, if in lieu of conduit the following construction is used under the circumstances noted:

(1) Vertical and lateral supply conductors in connections to street lamps or underground circuits may be run on the street side of the pole in multiple conductor cable having suitable substantial insulating covering, if such cable is held taut at least 5 inches away from the surface of the pole and from any pole step, and as far away from the climbing space as practicable, and if the pole is stepped up to the lowest crossarm. Where within 8 feet from the ground a suitable mechanical protection shall be provided for all such conductors.

(2) Vertical and lateral signal conductors on poles carrying signal conductors alone or on poles used in common by signal and supply conductors may be attached directly to the surface of the pole structure by means of rings, knobs, or brackets, provided they are rubber-insulated twisted pair and do not obstruct the vertical climbing space nor reduce the clearances provided in rules 240 and 244 nor come within 4 feet from open supply lines of under 7500 volts nor within 6 feet from open supply lines of over 7500 volts, whether carried on the same or other supporting structures. Where within such distances, either the signal or supply conductors shall be incased in insulating conduit or in other substantial insulating and protective covering.

(e) **Ground Wires and Grounded Metal-Sheathed Cables.**—Vertical and lateral ground wires and grounded metal-sheathed cables, except where protected as noted below, shall have separations from other conductors and clearances from surfaces of supporting structures (unless metal) and from pole centers (unless crossarms are metal) not less than those required by rules 241 and 249 and by paragraphs (a), (b), (c), and (d), above, for conductors with which these wires or cables are associated.

(1) Where within the clearances named above they shall be inclosed in suitable insulating conduit wherever within 4 feet from any open supply lines of less than 7500 volts or within 6 feet from such supply lines of over 7500 volts, whether carried on the same or other poles.

(2) In side-arm construction having only supply lines, and these carried on one side of the pole, the insulating conduit may, if necessary, be omitted, provided that the ground wires or metal-sheathed cables are placed on the opposite side of the pole from the line conductors and at least 5 inches away from pole steps located within 6 feet from any line conductor.

It is recommended that where practicable the ground wire or cable be insulated from wood poles by a nonabsorptive dielectric, either insulators or insulating tubing.

(f) **Mechanical Protection for Ground Wires.**—Where within 8 feet from the ground a suitable mechanical protective covering shall be provided over all ground wires and metal-sheathed cable, except in rural districts. Such protective covering, if for the only ground wire of a lightning arrester, shall be of insulating material.

(g) **Conductors Not in Conduit.**—Conductors not incased in conduits shall have the same clearances from conduits as from other surfaces of structures.

(h) **Where no Work is Done on Live Lines.**—The provisions of a, b, d and e of this rule do not apply to portions of a

pole which workmen do not ascend while the conductors in question are alive.

247. Clearances from Buildings.

(a) General.—Conductors should be so arranged and maintained as to hamper and endanger firemen as little as possible in the performance of their duties.

(b) Ladder Space.—Where buildings exceed three stories, or 50 feet, in height, overhead lines should be arranged where practicable so that a clear space (or zone) at least 6 feet wide will be left, either adjacent to the building or beginning not over 8 feet from the building, to facilitate the raising of ladders when necessary for fire fighting.

(c) Clearances, Low-Voltage Lines.—Supply conductors between 300 volts to ground and 7500 volts (unless in grounded conduit or metal-sheathed cable or otherwise adequately guarded or rendered inaccessible) shall be so arranged that they do not come nearer than 3 feet, measured horizontally, from any point on the surface of a building or its attachments nor nearer than 8 feet above the top of any building or above any balcony or other platform crossed over.

(d) Guards.—Where the above clearances can not be provided, or where supply conductors are placed near enough to windows, verandas, fire escapes, or other ordinarily accessible places to be exposed to contact of persons, the conductors shall be properly guarded by conduit, barriers, or otherwise.

(e) Where Attached to Buildings.—Where the permanent attachment of open supply conductors of any class to buildings is necessary for an entrance, conductors shall not be carried along or near the surface of the building unless they are guarded or made inaccessible where over 300 volts to ground and have separations from each other and clearances from building surfaces not less than those required by Table 3 (and its notes) for separation of conductors and clearances from pole surface.

(f) Clearance, High-Voltage Lines.—Conductors operating at over 7500 volts (unless in grounded conduit or metal-sheathed cable or otherwise adequately guarded or rendered inaccessible) shall be so arranged that they clear the surfaces of roofs or buildings or their attachments by not less than 8 feet up to 15,000 volts and 10 feet for higher voltages. They should not be carried over buildings not concerned in the operation of the utility owning them where this can be avoided.

248. Clearances from Bridges.

(a) Accessible Portions.—Supply conductors (unless in grounded conduit or metal-sheathed cable) shall be so arranged that they do not come within 3 feet from any readily accessible wing wall or other readily accessible portion of

any bridge or its attachments. For voltages higher than 7500 volts the minimum clearance shall be not less than required by paragraph (b).

(b) Ordinarily Inaccessible Portions.—Open supply conductors passing under, over, or near a bridge (other than brick, concrete, or masonry, requiring infrequent inspection or repair), when attached thereto, shall, when practicable, be so arranged that they do not come within the following distances from any portion of the bridge or abutments:

Operating voltage:	Clearance.
0 to 2,500.....	6.0 inches.
2,500 to 5,000.....	1.0 foot.
5,000 to 7,500.....	3.0 feet.
7,500 to 15,000.....	5.0 feet.
15,000 to 50,000.....	7.5 feet

(c) Where Not Attached.—Open supply conductors passing over, under, or near a bridge (other than brick, concrete, or masonry, requiring infrequent inspection or repair), and not attached thereto shall be so arranged that they do not come within the following distances from any portion of the bridge or abutments:

Operating voltage:	Clearance, in feet.
Up to 7,500.....	3.0
7,500 to 15,000.....	5.0
15,000 to 25,000.....	7.5
25,000 to 35,000.....	9.0
Exceeding 35,000.....	12.0

The clearances as given above are minimums and should be increased as much as practicable.

(d) Trolley Contact Conductors.—Trolley contact conductors attached to the under surfaces of bridges shall be provided with a substantial inverted trough of nonconducting material, or other suitable means shall be taken to keep the trolley pole from making connection between the trolley contact conductor and the bridge structure.

(e) Separations.—Where conductors attached to bridges are supported at frequent intervals, their separation may be less than that specified in rules 241 and 242, but not less than the following:

Span length:	Separation, in inches.
Up to 20 feet.....	6
20 to 50 feet.....	9

(f) Warning Signs.—The pin-supporting structure attached to bridges shall be plainly marked with the name, initials, or trade-mark of the utility responsible for the attachment, and in addition, when the voltage of the conductors exceeds 750 volts by the following or equivalent sign.—“Danger—Do Not Touch.”

249. Climbing Space.

(a) Supply Lines in General.—All poles or structures carrying crossarms on which supply conductors above 300 volts to ground are carried shall be arranged and maintained so as to provide an un-

obstructed vertical climbing space between line conductors of not less than 30 inches horizontally each way and extending at least 4 feet above and below the conductors concerned. The climbing space need be on one side corner only, of the pole structure. Where the supply conductors on a pole structure are all below 300 volts to ground, a climbing space of at least 24 inches shall be maintained.

(b) **Above 7500 Volts.**—When men must climb between live conductors between 7500 and 15,000 volts, the climbing space should be increased to 36 inches where practicable.

(c) **Signal Lines Below Supply Lines.**—When signal conductors are carried on the same pole and below supply conductors, the same climbing space shall be provided through the signal conductors as is required for the supply conductors.

(d) **Signal Lines Above Supply Lines.**—When signal conductors are carried on the same pole and above supply conductors, the climbing space required for the supply conductors shall extend up to a point at least 48 inches above the highest supply conductors carried on the pole, and at least 6 feet above where the supply conductors exceed 7500 volts.

(e) **Signal Lines Only.**—It is recommended that poles carrying only signal lines, when these are above 150 volts to ground, shall be provided with a climbing space at least 24 inches horizontally each way.

(f) **Where No Work is Done on Live Lines.**—The rule is not intended to apply to lines above 15,000 volts, unless men climb between them while they are alive, in which case the proper dimensions of the climbing space will depend on the particular conditions. The rule is also not intended to apply to lines lower than 15,000 volts, if the unvarying practice and rules of the employers concerned prohibits employees from ascending beyond the conductors of the given line, unless the lines are killed or protected by suitable shields. In such cases a 24-inch climbing space is permissible.

(g) **Protected Vertical Conductors.**—Vertical runs incased in suitable conduit or other protective covering (see rule 246 d) and securely attached to the surface of the pole or structure, or the pole or structure itself when included in one side or corner of this space at buck or reverse-arm construction, are not considered to obstruct the climbing space.

(h) **Protected Longitudinal Runs.**—Longitudinal runs of cable or conductors are not considered to obstruct the climbing space if no supply line conductors carried on crossarms are within 4 feet, either above or below (see also exception in certain cases under note c, Table 4), if such cables or conductors are protected

where within 20 inches from pole center by suitable guard arms securely fastened to the pole, or by substantial insulating conduit, unless located above supply line conductors or at least 6 feet below. If grounded metal-sheathed cables are uninsulated from metal supports attached to wood poles, similar protection shall be provided for such supports for at least 24 inches from the pole center.

(i) **Special Clearance for Longitudinal Runs.**—In cases where longitudinal runs of supply conductors not over 750 volts are supported near the surface of the pole, as by brackets or racks, or on pins close to the pole, unless they are located at levels at least 4 feet above or below other supply conductors carried on crossarms, sufficient side clearance from the pole center shall be provided for the line conductors on the adjacent crossarms to afford the full width climbing space for at least 4 feet above and below the longitudinal run concerned.

(j) **Obstructions.**—All poles should be kept free from posters, bills, tacks, nails, and other unnecessary obstructions, such as through bolts not properly trimmed.

SEC. 25—SUPPORTING STRUCTURES AND ATTACHMENTS.

250. Poles and Towers.

(a) Poles, towers, and other supporting structures shall be so located, when practicable, as to provide horizontal clearances from them to the nearest point of hydrants and signal pedestals of not less than 4 feet and to curb lines (unless poles are suitably protected from traffic) of not less than 6 inches.

(b) Where hydrants are located at street corners, poles should not be set so far from them or from the corners as to make necessary the use of flying taps inaccessible from the poles. (See rules 205 d and 255 a.)

(c) Where necessary, poles exposed to excessive abrasion by traffic shall be protected by guards.

(d) Poles shall be so placed, guarded, and maintained as to be exposed as little as practicable to brush, grass, rubbish, or building fires.

251. Guys and Anchors.

(a) When the mechanical loads to be imposed on poles, towers or other supporting structures are greater than can be safely supported by the poles or towers alone, additional strength shall be provided by the use of guys, braces or other suitable construction.

(b) Where it is physically impracticable to employ side guys or special structures, and the necessary strength can not be secured for any pole without side guying, the necessity for side guys may be met by head and side guying the line at adjacent or nearby poles not farther than 500 feet from the given pole; provided the

line is straight between the guyed poles, with spans not exceeding 150 feet, and the guyed poles are capable of withstanding the loading for which they are designed, on the assumption that the whole transverse stress of the line between the guyed poles is carried by them.

(c) Guys should also, when necessary, be used wherever conductor stresses are not balanced, as at corners, angles, and dead ends, to prevent undue increase of sags in adjacent spans as well as to provide sufficient strength for those supports on which the stresses are constantly unbalanced.

(d) When guys are used with wood poles or other poles or towers capable of considerable deflection before failure they shall be able to support the entire stress in the direction in which they act, the pole acting simply as a strut.

(e) The guy should be attached to the structure as near as practicable to the center of the conductor load to be sustained.

(f) Guy wires should be stranded and where attached to anchor rods should be protected by suitable guy thimbles. Cedar and other soft-wood poles to which any guy having a strength of 10,000 pounds or more is attached, should be protected by the use of suitable guy shims, and in this case guy hooks or other suitable means should be provided to prevent the guys from slipping along the poles. Guy hooks should also be used wherever the horizontal distance from anchor to pole is less than two-thirds the vertical height of the guy attachment to the pole above the anchor.

(g) Guys attached to metal poles or structures should be insulated from them by suitable blocking, when liable to be subject to electrolysis of the anchors, unless insulators are placed in the guys themselves.

(h) Anchor rods shall be so installed as to be in line with the pull of the attached guy when under load, except in rock or concrete.

252. Insulating or Mechanical Guards for Guy and Span Wires.

(a) Except as noted below, each guy wire or guy cable attached to any pole or structure carrying supply conductors of above 300 volts to ground, and not exceeding 15,000 volts, shall be equipped with an effective insulator located not less than 8 feet above the ground, and at such a point that if the guy wire breaks at or below the insulator, the part above the insulator can not be reached from the ground.

(b) When the guy wire to any pole, carrying supply, or signal conductors, or both, is carried above overhead supply conductors of above 300 volts to ground, two or more insulators shall, where

hazard would otherwise exist, be used so that so far as possible the exposed section of the guy wire shall be between two insulators. Neither insulator shall be within 8 feet from the ground and the insulators shall be so located that in case of sagging or parting of the guy, no part in contact with the live line on the same or another pole can come within 8 feet from the ground.

(c) The anchored end of the guy wires attached to wood poles carrying lines of above 15,000 volts shall, except in rural districts, be permanently grounded wherever this part of the guy has a clearance of less than 8 feet to ground, unless an insulator is used which is permanently effective against the highest voltage which is liable to be impressed across it.

(d) Where guys in which it is necessary to install insulators are so arranged that one crosses or is above the other, insulators shall be so placed that in case any guy sags down upon other guys the insulators of neither are liable to become ineffective.

(e) Guy insulators shall have a mechanical strength at least equal to that of the guys in which they are installed.

(f) Exceptions.—The placing of an insulator in a guy wire or guy cable will not be required where the guy wire or guy cable is electrically connected to grounded steel structures or to a ground connection on wooden poles.

Where guys are uniformly permanently grounded throughout any system of overhead lines, strain insulators will not be required.

(g) All span wires, including bracket span wires, shall have a suitable insulator (in addition to an insulated hanger if used) inserted between each point of support of the span wire and the lamp or trolley contact conductor supported, except that single insulation may be permitted when the span wire or bracket is supported on wooden poles supporting no other conductor than those operated by the utility controlling the span wire or bracket. This rule does not apply to insulated feeder taps used also as span wires.

(h) Effective insulators should be inserted at least 8 feet from the ground in metallic suspension ropes or chains supporting lighting units of series circuits.

(i) The ground end of all guy wires or cables attached to ground anchors exposed to traffic shall be provided with a substantial and conspicuous wood or metal guard not less than 8 feet long.

It is recommended that in exposed or poorly lighted locations such guards be painted white or some other conspicuous color.

253. Transformers, Regulators, Lightning Arresters, Switches and Similar Equipment on Supply Lines.

(a) Transformers, regulators, lightning arresters, and switches when located below conductors or other attachments shall be maintained, where practicable, on that side of the pole opposite to the climbing side, at that point.

On buckarm poles the climbing space and the lateral working spaces parallel to either the line arms or the branch arms shall be kept clear, if practicable.

(b) When conductors are located above them, current-carrying parts of switches, automatic cut-outs, and lightning arresters, if exceeding 300 volts to ground, and located on the climbing side of the pole, shall be inclosed or suitably guarded, if less than 20 inches from the pole center, except when located on or above the top crossarm.

(c) All current-carrying parts of switches, automatic cut-outs, lightning arresters, also transformer connections and other connections which may require operation or adjustment while alive and are exposed at such times, shall be so arranged that in their adjustment while alive the hand need not be brought nearer to any other current-carrying part at a different voltage than the clearances from pole surfaces required in Table 3 for conductors of corresponding voltages. (See the September 1916 issue of this Journal for personal precautions.)

254. Insulators.

(a) Insulators for operation on supply lines at voltages exceeding 7500, where these expose railroads, signal lines, or street traffic in urban districts, shall be of porcelain or other material which will give equally good results in respect to mechanical and electrical performance and durability and shall be marked by the makers with a classification number and maker's name or trade-mark, the marks being so applied as not to reduce the electrical or mechanical strength of the insulator.

(b) Wherever grounded metal pins or grounded crossarms or metal towers are used at a cross-over span support, where exposing railroads, signal lines or street traffic in urban districts, with wood pins or crossarms or poles used within five spans of the crossing, the insulators used on such grounded or metal supports shall be capable of withstanding a voltage 50 per cent higher than those in other portions of the line. Where strain insulators are used, they shall be capable of withstanding, under their normal mechanical stress, at least as high a voltage as the line insulators in general, or shall be capable, when not under mechanical stress, of withstanding a voltage 25 per cent greater.

Supply lines using wood pins and cross-arms and supports generally of non-grounded construction within five spans of the point of attachment shall, at points of their attachment to steel bridges, have insulators capable of withstanding a voltage 50 per cent higher than those in others portions of the line. Strain insulators used at such points shall be capable of withstanding, under their normal mechanical stress, at least as high a voltage as the line insulators in general, or shall be capable when not under mechanical stress of withstanding a voltage 25 per cent higher.

255. Branch Connections.

(a) Connections of branches in supply circuits, service loops, and equipment in overhead construction shall be readily accessible to authorized employees and when possible at poles or other structures. (See rules 205 d and 250 b.)

(b) Such connections shall be so supported and spaced that swinging or sagging can not bring them in contact with other conductors nor interfere with the safe use of pole steps nor reduce the climbing or lateral working space. (See rule (246).)

256. Lamps.

(a) All exposed metal parts of lamps and all such parts of their supports unless effectively insulated (see rule 254) from the parts carrying current shall be maintained not less than 20 inches from surfaces of pole structures if of wood (unless at pole tops) and maintained at a suitable height above roadways and footways.

When lamps are maintained on the side of the pole structure opposite that designated as the climbing side this clearance may be reduced to 5 inches.

(b) The lowering rope or chain for lighting units arranged to be lowered for examination or maintenance shall be of a material and strength designed to withstand climatic conditions and to safely sustain the lighting unit. The lowering rope or chain, its supports, and fastenings shall be examined periodically.

(c) A suitable device shall be provided by which each lighting unit on series circuits over 300 volts to ground may be safely and entirely disconnected from the circuit before the lamp is handled unless the lamps are always worked on from suitable insulating stools, platforms, or tower wagons and treated as under full voltage of the circuit concerned. Exempted from this provision are lamps, such as incandescent lamps, which in themselves present a noncurrent-carrying surface which may be utilized as a handle to safely remove them from the circuit.

257. Tree Trimming.

Where trees exist near supply-line conductors, they shall, if practicable, be so trimmed that neither the movement of

the trees in wind or ice storms nor the swinging or increased sagging of conductors in wind or ice storms or at high temperatures shall bring about contact between the conductors and the trees; except that for the lower-voltage conductors, where trimming is difficult, the conductor may be protected against grounding through the tree and against abrasion by interposing between it and the tree a sufficiently nonabsorptive and substantial insulating tubing or strip.

SEC. 27.—OVERHEAD SUPPLY LINES (OR SIGNAL LINES WHICH HAVE TAKEN ON THE CHARACTER OF SUPPLY LINES) IN VARIOUS SITUATIONS.

270. Separation of Pole Lines to Avoid Conflict.

(a) **Arrangement in General.**—Two parallel pole lines, either of which carries supply lines, shall, where practicable, be so separated from each other that neither conflicts with the other (see definition 28). If this can not be done, the two pole lines shall be separated as far as practicable. (See also rule 245.)

It is recommended that overhead lines which can not readily be so separated from each other as not to conflict be placed on a single common pole line unless the high voltage of certain of the circuits, or the large number of conductors, makes the use of a single pole line undesirable or impracticable.

(b) **Standardized Levels.**—It is recommended that where practicable, lines be arranged, by mutual agreement of the utilities concerned, at standardized levels throughout a given community, in order to minimize difficulties when new crossings or extensions to existing lines are to be installed. (See also rule 240 b, second paragraph, for relative levels.)

(c) **Pole Clearance.**—Where railway tracks are paralleled by overhead lines, the poles shall be located if practicable not less than 12 feet from the nearest track rail.

Supports for overhead trolley contact conductors may be located as near their own track rail as conditions require. If very close, however, permanent screens on cars will be necessary to protect passengers.

276. Electric Railway Feeders and Contact Conductors.

(a) **Third Rails.**—Third rails shall be protected where not on fenced rights of way by suitable overlapping guards composed of wood or other suitable material.

(b) **Trolley Contact Conductor Supports.**—All overhead trolley contact conductors shall be so supported and arranged that the breaking of a single conductor fastening will not allow the trolley conductor or live span wire or cur-

rent-carrying connections to come within 10 feet from the ground or from any platform accessible to the general public. This does not apply to insulated feeder taps to or from trolley contact conductors.

(b) **High-Voltage Contact Conductors.**—Above 1500 volts in urban districts (where not on fenced rights of way) the trolley contact conductor shall be so suspended that if broken at a single point it can not fall within 12 feet from the ground or any platform accessible to the general public.

(d) **Assuring Against Loss of Power at Railway Crossings.**—Unless electric-railroad systems are protected by interlocking derails or gates at grade crossings with interurban or other heavy or high-speed railroad systems the trolley contact conductors shall either be arranged with live trolley guards of suitable construction or shall be at the same elevation above their own tracks throughout the crossing and next adjoining spans, with catenary construction for crossing spans exceeding 100 feet.

(e) **Guards Under Bridges.**—Where passing under steel bridges that are not sufficiently elevated to prevent a trolley pole from making contact with the bridge in case it leaves the contact conductor a substantial inverted trough or other guard of insulating material shall be so installed as to prevent the trolley pole from making an electrical connection between the contact conductor and the bridge structure. (See rule 248 d.)

279. Common Use of Poles by Different Supply Lines—Special Rules.

(a) Poles or towers used in common by supply lines of different voltage classifications, including trolley feeders, whether owned by the same or different utilities, shall have all supply lines arranged as to relative levels, separations, and clearances according to the requirements of section 24. In general the lines of higher voltage should be placed above those of lower voltage, and this arrangement will often avoid the necessity for increasing the grade of construction of the cross-arms, pins, and fastenings for the lower-voltage conductors. (See also rule 270 b as to establishment of levels throughout a given community.)

UNDERGROUND LINES.

(For Operating Precautions, see section 49 in September, 1916, Journal.)

SEC. 29.—MANHOLES, HANDHOLES, SPLICING CHAMBERS AND DUCTS, CONDUCTORS AND EQUIPMENT.

290. Location and Accessibility of Conduits and Manholes.

(a) **Underground systems of electrical conductors** should be so located as to be

subject to the least practicable amount of disturbances. When being designed and installed, care should be exercised to avoid catch basins, street railway tracks, gas pipes, or other underground structures.

(b) To facilitate installing and withdrawing cables and conductors, the ducts between adjacent manholes or other outlets should be installed in straight lines, except when it is necessary to install curves, in which case they should be of the greatest practicable radius, and the spacing between adjacent manholes should be correspondingly reduced.

(c) Manholes shall, where practicable, be so located as to provide convenient access and, if possible, so that the least horizontal distance from any rail of a railroad track to the nearest edge of a manhole opening is not less than 3 feet.

291. Grading of Ducts.

Manholes or handholes should be so located and ducts so graded that drainage of ducts will always be toward manholes or handholes. To insure satisfactory drainage, the ducts shall be so installed as to provide, where practicable, a grade of not less than 3 inches in 100 feet of length.

292. Mechanical Details of Manholes.

(a) The mechanical design and construction of manholes and handholes shall be such as to provide sufficient strength to safely sustain with a suitable margin of safety the mechanical loads which reasonably may be expected upon them.

(b) The entrance to all manholes shall be not less than 24 inches minimum diameter. Round openings are recommended.

(c) Manholes should be so constructed, when practicable, that the least inside horizontal dimensions will be not less than 3 feet 6 inches and should be so arranged as to maintain, if practicable, a clear working space not less than 3 feet horizontally and 6 feet vertically, except that where the opening is within 1 foot on each side of the full size of the manhole the depth may be less.

(d) Where surface or ground water is liable to enter manholes containing supply conductors, these shall be so arranged, if practicable, as to provide permanent drainage.

Where drainage is into sewers, suitable traps shall be arranged to prevent entrance of sewer gas into manholes.

Manholes shall have adequate ventilation to open air where this is practicable and can be arranged without permitting entrance into the manhole of surface water, and such ventilation shall always be provided where any opening exists from such chambers into subways entered by the public, as with some subway conduit systems.

293. Manhole Covers and Guards.

(a) Manholes and handholes, while not being worked in, shall be securely closed by covers of sufficient strength to sustain such mechanical loads as may reasonably be expected to be imposed upon them, and the arrangement shall be such that a tool or appliance is required for their opening or removal.

(b) Manhole openings shall be so arranged that when they are uncovered barrier or other suitable guards may be placed to effectively protect the opening.

294. Material, Size and Finish of Ducts.

Ducts used in underground systems of distribution for electrical supply and signal conductors shall be of such material, size, mechanical strength, and finish as to facilitate the installation and maintenance of conductors or cables.

295. Installation of Conduits.

(a) Ducts should be suitably reinforced or be laid on suitable foundations of sufficient mechanical strength where necessary to protect them from settling and should be protected by concrete or other covering where necessary to prevent their disturbance by workmen when digging or by other causes. The distance between the top of the conduit covering and the pavement surface or other surfaces under which the duct run is constructed shall be sufficient to protect the conduit from injury and shall generally be at least 30 inches to the under side of track rails beneath which conduit passes.

(b) Ducts shall have clear bores and be freed from burrs before laying. They shall be laid in line in such manner as to prevent shoulders at joints.

(c) Iron-pipe conduit terminating in manholes, handholes, or other permanent openings of underground systems shall be provided with an effective bushing or other smooth outlet.

(d) Duct runs should provide as great a clearance from other underground structures as practicable and particular from gas lines paralleling them.

(e) Conduits for underground conduit systems to be occupied by signal conductors for public use should, where practicable, be separated from underground conduit systems for supply conductors by not less than 3 inches of concrete or its equivalent.

(f) Cable extensions may, however, be made to existing interconnected or jointly owned and jointly occupied duct systems used in common by municipalities, signal and power companies, with less effective separations than above specified.

(g) Where signal conductors for public use and supply conductors occupy ducts terminating in the same manhole, the two classes of duct should be separated as widely as practicable; and, where practicable, enter the manhole at opposite sides, so that cables can be racked along

side walls with a minimum of crosses between the two classes of conductors.

(h) Joints in duct runs shall be made mechanically secure to maintain individual ducts in alignment.

(i) Duct openings into manholes or handholes should where practicable, have a clearance above the floor or below the roof line of not less than 6 inches.

(j) Ducts of laterals supplying service to buildings, where gas or water is liable to enter through them, should be effectively plugged or cemented by the use of asphaltum, pitch, or other suitable means.

(k) Conduits designed to carry supply cables of large current capacity should be arranged, where practicable, so that no ducts necessarily dissipate heat solely through adjacent ducts.

296. Location and Identification of Conductors.

(a) Underground systems of electrical supply conductors and of signal conductors for public use should in general be maintained in separate conduits and manholes.

(b) Cable extensions to existing interconnected or jointly owned and jointly occupied duct systems used in common by municipalities, signal companies, and power companies are exempted from the above.

(c) When signal conductors for public use and electrical supply conductors occupy the same manholes, they should be maintained at opposite sides of the manhole; and where supply cables are of large current capacity all cables should be specially protected against injury by arcing. When it is necessary that the signal and supply cables cross in any manhole, a spacing of at least 1 foot shall be maintained and special mechanical protection provided against abrasion or injury by arcs.

(d) Cables shall be permanently identified by tags or otherwise at each manhole, handhole, or other permanent opening of the underground system, except where their position, in conjunction with diagrams supplied to workmen, give sufficient identification.

(e) Cables in manholes shall be reasonably accessible from the clear working space at all times. When cables cross by or over other cables, sufficient clearance shall be provided between them to permit reasonable access to any cable for inspection and repair and to prevent abrasion.

(f) Joints made in, or branches made from, underground cables should be reasonably accessible at all times and should be in manholes or handholes, and as seldom as possible in the ducts themselves.

(g) Each cable, where practicable, shall maintain a vertical clearance above the floor of any manhole of not less than 6 inches.

297. Mechanical Protection, Support, and Guarding of Live Parts.

(a) Cables, unless rubber insulated, shall be provided with a water-tight metal sheath or other waterproof covering over their insulating coverings, except when used as ground connections or neutrals.

(b) Protective, control, or other apparatus on supply lines where installed and maintained in manholes and handholes shall have live parts inclosed in suitable cases. The metal sheathing of all conductors or cables shall be made mechanically and electrically continuous with the metal cases of protective, control, or other apparatus.

(c) Mechanical support shall be provided for all cables at each manhole, handhole, or other permanent opening. Where closely grouped lead-covered cables include cables operating at over 7500 volts, they should have suitable fire-resistive coverings to prevent damage from arcing.

Such protection is also frequently advisable where all voltages are less than 7500, especially where some of the cables are of large current capacity.

(d) Conductors or cables from underground systems which connect to overhead systems shall be mechanically protected by installing them in grounded metal conduit or, in the case of signal cable or metal-sheathed cable, in other substantial conduit, and shall terminate in suitable potheads or similar devices of approved design or construction; the open supply wiring connecting to the underground system shall begin not less than 10 feet above the ground surface or platform accessible to the public.

(e) Joints or terminals of conductors or cables of underground systems of electrical supply shall be so arranged that there are no bare ungrounded current-carrying metal parts exposed to accidental contact within manholes or handholes.

298. Spacing of Cables.

(a) Cables shall be so arranged and supported in ducts and manholes that those of higher operating voltages are separated from those of lower voltages as far as practicable.

(b) Cables belonging to different systems (particularly supply distribution and signal systems) shall not be run in the same duct.

299. Multiple Connections.

When transformers, regulators, or other similar apparatus operate in multiple, special tags or other suitable means shall be used to indicate that fact.

IN MEMORIAM

BROTHER ALBERT BRANT.

Whereas, It has pleased the Supreme Architect of the Universe to call from our midst our esteemed friend and Brother Albert Brant.

Whereas, Brother Brant was a true friend and a loyal member of this Union and a loving and devoted father; therefore, be it

Resolved, That we as members of Local Union No. 9 I. B. E. W. in brotherly love bow in humble commemoration and most sincerely mourn his loss, and extend to his family our deepest sympathy in this their hour of bereavement; and, be it further

Resolved, That the charter of this Union be draped in mourning for a period of thirty days, a copy of these resolutions be placed on our minutes, a copy be sent to the bereaved family, and a copy to be sent to our Journal for publication.

His day is done, his work is finished
The gold of morning has met the dusk of night
And beneath the silent stars the laborers have fallen to sleep,
'How little of this life we know, this struggling way of light,' twixt gloom;
This dream that lies between the shadowy shores of sleep and death:
We love, we hope, we disappear, but this we know,
A noble life enriches all the world.

Fraternally submitted,

(Signed)

Wm. Sheehan,
M. J. Maroney,
Harry Slater.

BROTHER CHARLES A. GROTHEY.

Whereas, It has pleased our Heavenly Father in His infinite wisdom and mercy to call from our ranks our beloved and esteemed Brother Charles A. Grothey; therefore, be it

Resolved, That the sudden removal of Brother Grothey from our ranks has left a vacancy and a shadow that will be deeply realized by the members of this organization; and, be it further

Resolved, That we extend to his bereaved family our deepest sympathy; and, be it further

Resolved, That we drape our charter in mourning for a period of thirty days as a mark of esteem and sorrow, a copy of these resolutions be spread on the minutes of our Local and a copy be sent to our official Journal.

(Signed)

J. A. Huff,

Recording Secretary, Local Union No. 28, I. B. E. W.

BROTHER WILLIAM UNDERWOOD.

Whereas, The Almighty God, in His infinite wisdom, has deemed it wise to remove from our midst our beloved Brother William Underwood; and

Whereas, Brother Underwood was a true and loyal member of our Union, and an honest and faithful workman; be it

Resolved, That we, as a Union, in brotherly love pay tribute to his memory by expressing our sorrow of his loss and extending to his family our deepest sympathy in their hour of bereavement; and, be it further

Resolved, That our charter be draped in mourning for thirty days, and a copy of these resolutions be sent to the bereaved family and a copy be sent to our Official Journal, and that they be spread on the minutes of Local No. 40, I. B. E. W.

Wm. Trader,
Thos. O'Brien,
Chas. McCarter,
Committee.

BROTHER GEO. R. SAUNDERS.

Whereas, Through the death of Brother Geo. R. Saunders Local 196 and the Brotherhood has lost a true and loyal member; therefore, be it

Resolved, That we cause our charter to be draped for a period of thirty days; and, be it further

Resolved, That a copy of these resolutions be placed on our minutes, a copy sent to the bereaved family and a copy be sent to the International Secretary for publication in the Journal.

Jas. Caughlin,
Wm. Sweeney,
Thos. Gould,
Committee.

P. S.—Brother Saunders died as the result of injuries of a motorcycle accident the 10th of September, 1916.

BROTHER V. L. MCGOUGH.

Whereas, It has pleased our Heavenly Father to take from our midst our beloved, worthy and esteemed Brother V. L. McGough; and

Whereas, The members of Local No. 246, International Brotherhood of Electrical Workers, have lost a true and loyal brother in the death of Brother McGough; who was electrocuted at his post of duty on October 1, 1917; therefore, be it

Resolved, That we, the members of Local No. 246 extend our deepest sympathy to the bereaved family and relatives of Brother McGough in this hour of grief; and, be it further

Resolved, That our charter be draped in mourning for a period of thirty days, and a copy of these resolutions be sent to the bereaved family and that these resolutions be spread on the minutes of the Local.

Chas. Carpenter,
G. W. Drake,
E. D. Richards,

Committee, Local Union 246.

BROTHER L. V. MALTA.

In deep, heartfelt, deserving respect and brotherly homage, we, members of Local Union No. 491, International Brotherhood of Electrical Workers, join in this memorial to our esteemed Brother L. V. Malta, whom the Lord, in His wisdom has taken from our midst.

During his sojourn among us, all his strength, intelligence and devotion were spent in the service of building up the principles of unionism, for the elevation and betterment of those who toil, and those benefited by his unrelenting labor shall, though unconsciously, plead for his welfare beyond the veil with the Master of all good workmen.

Local Union No. 491, spread these expressions of its feelings at the death of our dear Brother upon its records, and sends a copy to the wife he so well loved, and a copy to our official organ, The Worker for publication.

F. R. Bostetmann,
President.
E. A. Houston,
J. M. Gardner,
S. N. Buchanan,
Committee.

BROTHER CHRIS. KRAMER.

Whereas, It pleases our Heavenly Father to call from our midst Brother Chris. Kramer; therefore, be it

Resolved, That, we, the members of Local Union No. 535, I. B. of E. W., take this opportunity to express our sincere sympathy; and, be it further

Resolved, That a copy of these resolutions be sent to our Official Journal for publication.

C. J. Lord,
Recording Secretary, Local Union 335.

BROTHER E. C. LAUGHLIN.

Whereas, Almighty God has seen fit to remove from your midst our beloved Brother E. C. Laughlin; and

Whereas, His departure leaves a vacancy in our ranks which shall always remain and one which will never be forgotten for the efforts he put forth for the building up of our cause and his brotherly assistance to all; therefore be it

Resolved, That we, the members of Local Union 610, I. B. E. W., extend our heartfelt sympathy to the bereaved mother, brother and sisters of our departed Brother; and, be it further

Resolved, That our charter be draped for thirty days and that a copy of these resolutions be sent the bereaved family, one to the Official Journal for publication, and one spread on the minutes of this meeting.

(Signed) E. N. Peak,
R. W. Sanders,
Local Union No. 610, I. B. E. W.

BROTHER THOMAS ADAMS.

Whereas, It pleases our Heavenly Father to call from our midst Brother Thomas Adams; therefore, be it

Resolved, That we, the members of Local Union 708, I. B. E. W., take this opportunity to express our sincere sympathy; and, be it further

Resolved, That a copy of these resolutions be sent to the bereaved family, and a copy to our Official Journal for publication.

George L. Gardner,
Theo. N. Bauer,
Chas. R. Neerman,
Committee.

BROTHER FELIX R. OWEN.

Whereas, God, the Divine One, retains unto Himself the title of Supreme Electrician and uses His forces either to give or take life as He sees best, and His wisdom is infallible; and

Whereas, He saw best to use His currents to take the life of the President of Local No. 16, Felix R. Owen, while on a pole in the discharge of his duty as lineman; and

Whereas, Brother Owen has been a loyal and faithful Brother and a hard and willing worker for these many years; therefore, be it

Resolved, That Local Union No. 16, I. B. E. W. of Evansville, Mo., extend to his family their deepest and most sincere sympathy in this, their dark hour of bereavement; and, be it further

Resolved, That Local No. 16 spread a copy of these resolutions on their minutes of the Local to the memory of Brother Owen and that the charter of Local No. 16 be draped for a period of thirty days; and, be it further

Resolved, That a copy of these resolutions be published in the Official Journal of our Brotherhood.

E. E. Hoskinson,
J. W. Springer,
J. G. Brill,
F. A. Webber,
Local No. 16, I. B. E. W.

SISTER KATHERINE E. LENEHAN.

Since it has pleased our Heavenly Father to take from our midst our beloved Sister Katherine E. Lenehan;

Resolved, That we, as a union, pay tribute to her memory by extending to her family our deepest sympathy in their hour of sorrow;

Resolved, That a copy be sent to our Official Journal and that it be recorded on the minutes of Local 8A, I. B. E. W.

Catherine A. O'Keefe,
Marguerite M. Burke,
Mary E. Lynch,
Helen Sealey,
Committee.

BROTHER F. C. TELLESON.

Whereas, An all wise Providence has deemed it best to call Brother F. C. Telleston to that bourne from which no traveler returns; and

Whereas, Brother Telleston was a friend we shall ever remember with the kindest of feeling because of his kind efforts in our behalf; therefore, be it

Resolved, By Local Union 465 of San Diego, California, that our deepest sympathy be extended to the relatives and friends of Brother Telleston; and, be it further

Resolved, That our charter be draped in mourning for a period of thirty days and a copy of these resolutions be sent to our Official Journal for publication.

Harry Allen,
B. M. Ireland,
C. J. Brown,
Committee.





NEVER UNEARTH IT.

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INTERNATIONAL
ELECTRICAL WORKERS AND OPERATORS
Published Monthly

F. J. McNulty, Supervising Editor.
CHAS. P. FORD, Editor.
Reisch Bldg., Springfield, Ill.

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NOTICES.

Will anyone knowing the whereabouts of a lineman by the name of W. O. Powell, kindly communicate with J. W. Flynn, Box 483, Anaconda, Montana? Powell has a prominent scar across his nose and face, received in Portland, Oregon, during the Mt. Hood strike there a few years ago. Will be very much obliged to you for publishing same. Fraternally yours,

J. W. Flynn, Box 483,
Anaconda, Mont.

It is our desire to inform all members that Ben Jensen has been suspended for non-payment of dues, by Local Union No. 402 of Greenwich, Conn. He is now working in the jurisdiction of Local No. 501 of Mt. Vernon, N. Y. All members please take notice. Fraternally yours,

Harry Holleck,
Rec. Secy.

Wanted information pertaining to relatives of Frank W. Ashley, about five feet six inches tall, sandy hair. Had F. O. E. tattooed on right fore arm died here Friday September 14, 1917. Initiated local 66 of Houston, Texas. Communicate with Local No. 283, Oakland, California.

O. L. Lockwood.

REPORT OF COMMITTEE ON
MOONEY CASE.

Washington, D. C., Oct. 3, 1917.

To All Members of the International Brotherhood of Electrical Workers.

Greeting:—By instructions of the International Brotherhood of Electrical Workers in convention assembled, the committee created by the convention to go to Washington to enlist the support of the President in the alleged San Francisco bomb conspiracy, (the Mooney case) we, the committee, desire to report through the kindness and efforts of Brother Richard Fitzgerald, business agent of L. U. No. 164, in securing a letter of introduction to Secretary Tumulty we secured an audience with President Wilson. The President assured us of his deep interest in the case and his desire to see that justice was done, and that so far as it lay in his power no effort would be spared to see that the defendants would receive fair play.

The committee was impressed by the courtesy and truly democratic manner in which the President received us. The Cabinet had assembled when we reached the White House but we were immediately received, something out of the ordinary.

We can not too greatly impress on the members of the International Brotherhood of Electrical Workers the great kindness and courtesy shown your committee by Secretary Joseph Tumulty, who went out of his way to favor us, no ceremony, no conceit of position, but with a frank and friendly reception that shows his conception of the American principle of all men being equal. President Wilson's reception was similar.

We also wish to extend our thanks to Thomas A. Griffin, of Jersey City, for his assistance and courtesy, and to Brother B. A. O'Leary, business agent of L. U. No. 26, who not alone very ably assisted us, but also made our visit very pleasant.

Fraternally yours,

Jas. H. Brennan, Chairman,
Local Union No. 134.
C. D. Mull, Secretary,
Local Union No. 92.
C. J. Brown,
Local Union No. 465.
Herman Derolph,
Local Union No. 39.
C. E. Talley,
Local Union No. 309.



EDITORIAL



DO YOU WANT STRIKE BENEFITS?

The legislation proposed by the convention will soon be before the general membership for approval or rejection as they in their wisdom may decide. Many constitutional changes have been proposed. Important among them is a proposition to establish a difficulty benefit which will provide payment of benefits where the members are involved in strikes or lockouts. This question will come before the membership separate and distinct from the other amendments, thus giving all the opportunity to voice their views on this important subject and at the same time reject other proposals that may not appeal to some as being desirable. This same question was submitted by the St. Paul convention in the same manner but did not receive favorable action by referendum vote.

Many might think, in view of this, it would be a waste of time to again endeavor to obtain favorable action. However we believe many of those who looked with disfavor on the question have changed their minds. In fact we know local unions that previously voted almost unanimously against the question are now convinced that such legislation is necessary, their opinions having been changed by bitter past experience. Personally we are convinced of the advantage and merits of such benefits and feel very sure if we had as large a surplus in our defense fund as we have in the death benefit fund it would be one of the best assurances against strikes or lockouts that could be provided.

Employers think twice before locking horns with an organization that is prepared for a struggle. We have yet to hear a meritorious argument against benefits of this character, except from those who desire to put a dollar in the organization and take ten dollars out.

We respectfully urge your serious consideration of this matter and remember by your vote you will decide one of the future policies of the Brotherhood. Your decision will stand as instructions to your officers and if the majority decide that assistance during difficulties is unwise your officers have no choice other than carry out your expressed wishes and it will be useless to appeal to the I. O. for assistance of a financial character. Brothers, think this over very carefully before marking your ballot. Who knows! you may be the first to need it.

THE 14TH CONVENTION.

Another chapter of the Brotherhood history was written when the 14th convention adjourned sine die at Atlantic City, September 28. The convention was the largest ever held by the organization, there being 363 delegates in attendance that remained throughout the entire session.

It was also the shortest convention held in years, the session lasting 11 days as compared with the 19 day session at St. Paul and 15 day at Boston.

Approximately 42,000 of the 65,000 membership was represented. The various delegates aggressively advanced their ideas, a militant majority and minority made the convention work interesting and very few questions of policy were disposed of without thorough consideration and oftentimes decided by a close vote showing that no delegate had hesitation in taking a position he considered right. Which tends to produce constructive results.

The progress made during the past two years, which briefly summarized resulted in an increase membership of approximately 25,000 and an additional treasury surplus of \$70,000 together with vastly improved wage and working conditions, made a very favorable impression on the delegates.

The present officers of the Brotherhood, excepting Vice President Graser, who declined another term, were returned to their respective duties. This would seem evidence that their efforts have been satisfactory in the past and will be an added incentive for them to give the best service their ability will permit in the future.

Those attending the Convention will long remember the entertainments provided and the efforts put forth for their comfort and convenience by the various locals.

The Chicago Delegation had provided a special train from Chicago to Atlantic City with stops at Pittsburgh, Washington, D. C. and Philadelphia. At Philadelphia, Local No. 98, entertained the delegates with a sumptuous banquet and special performers followed. Next day, Sunday, by an auto tour of the Historic City. For the first time in its history, Liberty Hall was opened on Sunday to Electrical Workers only, and all visited the Liberty Bell and other historic relics that Liberty Hall contains.

A beautiful wreath of immense proportions was placed on the grave of Benjamin Franklin with appropriate ceremony, and the sight-seeing trip covered the entire city. A four hour ride of immense interest and surpassing beauty that all will remember with pleasure.

The Atlantic City locals did their best during the convention. Numerous special performances being given at the best known cabarets in the famous resort and a special banquet at the Grand Atlantic Hotel that was enjoyed by all.

After the close of the convention most of the delegates accepted the oft-repeated invitation of Local No. 534 of New York, to be their guests for three days.

A magnificent banquet was served at Hotel McAlpin that made good its reputation for excellent cuisine. The banquet was accompanied by a high-class cabaret performance followed by dancing.

Sunday was taken up with a six hour auto tour of New York, with stop for a very welcome Dutch lunch, provided by the local committee and a trip to the famous New York Zoo.

The entertainment committee had reserved seats for all at the Hippodrome for Monday's matinee.

From New York the special train proceeded to Boston, where the delegates were invited to be guests of Local No. 103. Those who attended the Boston Convention need not be told what Boston entertainment means. Suffice to say that only the best is good enough for them to offer and they offer that often.

The final leg of the eastern trip on the Electrical Workers special took the delegates back to Chicago. Despite the fact that the locals had offered every possible entertainment to the visitors on their way East. The locals then again took up the duties of host to the delegates and kept them as long as they could induce them to stay with something doing all the time.

If any locals have been unable to locate their delegates, would advise they make inquiries at some of the above points.

**RESOLUTION ADOPTED
BY CONVENTION.**

The following resolution was adopted by the convention practically without a dissenting vote and will express to the government the position of the Brotherhood in the war for world wide Democracy.

WHEREAS, The membership of the International Brotherhood of Electrical Workers are loyal and patriotic citizens and in hearty accord with the U. S. Government and its policies in conducting the war for World Democracy, therefore be it

Resolved, That while we, as a Labor Organization, will use all honorable means to protect the interests and better the conditions of all Trade Unionists, we emphatically deny any connection or sympathy with any of the spurious groups who by their pernicious activities seek only to hamper any annoy our Government in every manner possible, or with their actions that bring only censure and shame to all patriotic Trade Unionists and afford satisfaction to the autocratic War Lords of Central Europe against which the democratic forces of the world are now at war. And be it further

Resolved, That the International Brotherhood of Electrical Workers in Convention assembled, do hereby pledge their full co-operation and hearty support to our Government, to the end that the fight against a world autocracy may be brought to an early and victorious finish, that the life and rights of small nations may be conserved, and that peace may be secure and lasting for all the peoples of the earth. And be it further

Resolved, That a copy of this resolution be spread on the minutes of this Convention, a copy each be sent to the President of the United States, the President of the American Federation of Labor, the President of the Trades and Labor Congress of Canada, the Committee on National Defense, and a copy to be published in the next issue of our Official Journal.

The way to obtain financial help when difficulty confronts you is to vote for the establishing of a difficulty benefit fund, others won't help you unless you help yourself.

LOCAL Union Official Receipts up to and including 10th of the current month ::

L. U.	Numbers.
1	503812 503850
2	512919 514078
7	451186 451278
8	662894 662937
9	614591 614850
9	635101 635245
10	569726 569765
12	1006109 1006130
13	557220 557245
14	601457 601485
15	444727 444740
16	403533 403554
17	645502 649905
20	139927 140013
21	646519 646610
22	489199 489250
23	795481 795583
24	251528 251535
25	733787 733814
26	506668 506810
27	753441 753500
28	642279 693806
29	888433 888474
30	466570 466614
31	558821 558900
31	802201 802295
32	351107 351140
33	343958 343965
34	472680 472745
35	476334 476380
36	446451 446570
37	152574 152594
40	715643 715648

L. U.	Numbers.
41	603234 603381
42	605851 605902
43	507913 508041
45	433181 433300
47	143071 143110
48	574628 574740
49	505469 505504
52	494091 641288
54	359958 359964
55	652351 652398
55	309561 309600
56	514466 514555
59	584353 584421
60	557754 557589
62	516724 516811
64	130204 130287
65	611230 611752
66	385907 386028
67	522660 522701
68	581241 581270
69	649351 649399
69	321508 321609
71	264497 264508
73	421033 421097
76	549430 549504
78	565901 565911
79	653922 653990
81	523771 523877
82	594050 594128
83	459986 460255
84	453351 453454
86	587445 587570
88	689101 689305

L. U.	Numbers.
92	538571 538600
92	658351 658460
93	109206 109224
94	716962 716978
95	228461 228520
96	525140 525208
97	530464 530499
98	647264 647570
99	316167 316271
100	530370 530400
100	674851 674853
101	151191 151232
102	338742 338808
104	512381 512967
104	599458 599823
104	378210 378324
104	378965 379018
105	749669 749685
106	76387 76476
107	477076 477127
108	69357 69374
110	272449 272513
112	603761 603840
113	555444 555504
114	740577 740603
116	194002 194074
117	858265 858273
119	359198 359212
125	468961 469250
127	13455 13460
128	424233 424344
129	556917 556940
130	420416 420507
133	224176 224182
134	620851 621720
134	367201 368100
134	368161 368620
135	677851 677874
136	282697 282725
137	357185 357225
138	233561 233562
140	559921 559948
142	625351 626140
142	412361 413100
143	235095 235116

WORKERS AND OPERATORS

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L. U.	Numbers.	L. U.	Numbers.	L. U.	Numbers.
144	465883	465997	288	564743	564766
146	993328	993341	289	583409	583432
148	467171	467197	290	712684	712698
149	333786	333749	291	445524	445556
151	520839	.....	298	800419	800435
152	560343	560400	295	553388	553470
152	651601	651654	296	248861	248865
153	588382	588375	298	726715	726772
155	336552	336600	299	198944	198960
155	661351	661410	303	547919	547958
156	561978	562003	304	777986	777996
159	422398	422446	305	544461	544500
160	588765	588907	305	804301	804330
161	458211	458261	307	778682	778720
164	474858	474936	308	804901	804945
165	502531	502592	309	640351	640726
167	330480	330541	311	748801	748816
170	482635	482850	312	731722	791745
170	667351	667373	313	133438	133500
172	167022	167049	313	698851	698894
173	794725	794730	314	780166	780172
175	251032	251095	315	572336	572460
177	822282	822296	316	724179	724238
178	602145	602164	318	278824	278934
179	238977	238999	319	251811	251812
180	373931	373991	321	235971	236016
181	193938	193426	322	1020052	1020076
183	305751	305754	324	738772	738773
184	104621	104665	326	805201	805217
185	78413	78485	327	805501	805518
187	270463	270475	328	290250	.....
189	958256	958279	329	722646	722667
190	12156	12163	330	805804	805806
191	296510	296590	332	427521	427549
192	562337	562357	333	474426	474501
193	60723	60750	334	445951	445971
193	801901	801911	335	922256	922270
194	346329	346378	337	421527	421611
195	331060	331110	339	449961	449995
196	161009	161125	340	279131	279150
197	75410	75445	341	769630	769643
200	415126	415240	346	525861	525897
204	747086	747114	347	156221	156319
207	410331	410360	349	378636	378674
208	274	300	350	701645	701668
209	565270	565318	351	253963	253964
211	182123	182165	352	337065	337192
214	637909	637940	354	455377	455455
215	639908	639918	356	594637	594652
216	711015	711022	368	517453	517491
218	772220	772259	360	891241	891250
219	5486	5490	361	633051	633060
220	511691	511810	362	279601	279608
224	418718	418792	367	632121	632166
225	641716	641739	369	438857	438945
226	656851	656863	370	643642	643943
226	232791	232800	370	644101	644260
231	565011	565040	371	846063	846071
235	793232	793256	372	559737	559758
236	243211	243219	375	515955	516010
237	317371	317381	376	256998	257003
238	140238	140250	377	462737	462786
239	551941	551993	378	633102	633108
242	435106	435162	382	413349	413393
244	585903	586100	383	853026	853029
246	41104	41125	384	160874	160881
250	494541	494661	387	724769	724791
252	419231	419260	391	855178	855181
255	99361	99416	392	483071	483176
258	830808	830850	394	469125	469131
259	316698	316771	396	599977	600123
262	802801	802815	397	342349	342366
262	1045648	1045650	401	708971	709000
267	612203	612254	402	616121	616147
268	547606	547620	404	492176	492243
269	115038	115103	405	700972	701000
271	738390	738427	408	353573	353630
272	705422	705443	414	731421	731464
273	774193	774209	415	795092	795111
276	775336	775350	416	133851	133876
276	657601	657632	417	1021859	1021865
277	98156	98210	419	398229	398315
278	497138	497170	423	291689	291671
279	370663	370767	424	379600	379620
280	637361	637460	426	260315	260829
282	533441	533499	426	560412	.....
283	479851	480027	427	541316	541332
283	601261	601350	428	566626	566646
284	534598	534600	429	264741	264830
284	795901	795912	480	272129	272146
285	247724	247743	481	838899	838922
286	723254	723269	434	797811	797824
435	590931	590953	435	564766	564766
436	68068	68123	436	583409	583432
437	319744	319784	437	712684	712698
439	571767	571800	439	445524	445556
439	571767	571800	439	800419	800435
553	546833	546885	553	553388	553470
439	685351	685385	439	248861	248865
440	836782	836807	440	726715	726772
443	295102	295111	443	198944	198960
445	801001	801116	445	547919	547958
446	540407	540419	446	777986	777996
447	529072	529085	447	544461	544500
448	687957	687984	448	804301	804330
451	567516	567537	451	778682	778720
453	301309	301323	453	804901	804945
454	428933	428944	454	640351	640726
456	546112	546125	456	748801	748816
457	726174	726187	457	731722	791745
458	454406	454431	458	133438	133500
460	567776	567784	460	698851	698894
461	178719	178745	461	780166	780172
462	1044706	1044730	462	572336	572460
463	531786	531810	463	724179	724238
465	499744	499912	465	278824	278934
466	305408	305450	466	251811	251812
468	276306	276343	468	235971	236016
469	441791	441856	469	1020052	1020076
470	415469	415489	470	738772	738773
471	232436	232480	471	805201	805217
476	326729	326790	476	805501	805518
477	650095	650097	477	290250	.....
479	329841	329859	479	722646	722667
480	799518	.....	480	805804	805806
481	448311	448350	481	427521	427549
481	807001	807140	481	474426	474501
483	508736	508837	483	445951	445971
484	475860	476065	484	922256	922270
490	535596	535614	490	421527	421611
491	345031	345100	491	449961	449995
494	659181	659858	494	279131	279150
500	457623	457687	500	769630	769643
501	273698	273873	501	525861	525897
503	315255	315305	503	156221	156319
504	537706	537735	504	378636	378674
506	94589	94604	506	701645	701668
507	538783	538799	507	253963	253964
507	563775	563812	507	337065	337192
508	539301	539327	508	455377	455455
510	733119	733129	510	594637	594652
512	544770	544775	512	517453	517491
513	527871	528024	513	891241	891250
515	540757	540788	515	633051	633060
516	615771	615816	516	279601	279608
517	573971	574008	517	632121	632166
520	801271	801300	520	438857	438945
523	402785	402860	523	643642	643943
526	219951	219953	526	644101	644260
527	558961	558973	527	846063	846071
528	605167	605200	528	559737	559758
529	564961	564970	529	515955	516010
530	543116	543131	530	256998	257003
531	543697	543720	531	462737	462786
532	447079	447165	532	633102	633108
535	592821	592897	535	413349	413393
536	293629	293666	536	853026	853029
537	163472	163500	537	160874	160881
538	358472	358492	538	724769	724791
539	545582	545602	539	855178	855181
544	1008985	1009001	544	483071	483176
548	549894	549900	548	469125	469131
548	798901	798927	548	599977	600123
549	659872	659957	549	342349	342366
550	546357	.....	550	708971	709000
552	625982	625990	552	616121	616147
553	546823	546885	553	492176	492243
554	547331	547372	554	700972	701000
556	633646	633672	556	353573	353630
557	550586	550591	557	731421	731464
560	829104	829134	560	795092	795111
564	548791	548803	564	133851	133876
567	188061	188091	567	1021859	1021865
569	552503	552510	569	398229	398315
574	559250	559328	574	291689	291671
576	807141	807160	576	379600	379620
576	807928	807936	576	260315	260829
577	1037828	1037834	577	560412	.....
578	440936	440955	578	541316	541332
582	700342	700350	582	566626	566646
583	192461	192493	583	264741	264830
584	526142	526248	584	272129	272146
585	504692	504748	585	838899	838922
587	544123	544165	587	797811	797824

L. U.	Numbers.
589	522002 522054
591	892291 892314
593	810969 810976
594	436455 436466
595	437863 437995
596	551557 551576
598	552995 553018
599	812403 812449
601	131921 132000
604	552721 552737
605	783183 783240
608	491307 491334
610	814628 814645
611	815501 815521
612	554766 554775
613	816034 816045
615	555659 555693
617	119169 119176
620	60627 60633
623	524297 524350
627	558448 558456
629	555186 555229
630	832524 832525
631	930729 930743
634	559281 559295
635	560857 560890
637	561347 561356
639	275483 275516
641	562594 562605
642	564348 564357
645	563006 563041
647	207289 207305
649	289770 289848
651	559816

L. U.	Numbers.
653	820873 820894
654	799501 799526
657	1042581 1042599
659	740028 740065
663	565625 565678
664	654811 654920
666	334847 334936
669	425225 425280
670	566511 566538
671	567377 567389
672	567099 567107
673	567653 567668
675	612332 612370
677	32688 32725
679	568846 568863
680	257727 257746
683	521033 521055
685	569197 569220
686	569448 569477
687	571214 571230
688	571880 571902
689	803101 803206
692	799231 799270
694	798096 798215
695	309506 309521
696	490563 490635
698	790850 790877
700	790539 790569
702	837494 837515
703	38836 38861
704	287987 288003
705	791134 791142
709	792921 792951
710	794107 794110

L. U.	Numbers.
711	193632 193651
712	529134 529161
714	798618 798621
718	80141 80149
719	443275 443301
722	796231 796241
723	285238 285276
724	796529 796535
725	467107 467114
727	691351 691500

Telephone Operators.

L. U.	Numbers.
2a	263501 263523
3a	390181 390211
6a	434413 434458
7a	583970 584000
11a	695581 695610
15a	1033870 1033880
16a	645681 645730
18a	478554 478583
19a	417265 417316
21a	300410 300448
22a	248677 248685
23a	337678 337746
24a	598404 598441
25a	675601 675718
25a	356062 356100
26a	264051 264073
31a	592981 592990
34a	570633 570641
38a	795019 795046
39a	795659 795690
43a	797112 797136
44a	660601 660710
45a	801301 801311

MISSING RECEIPTS.

8-662893, 907-909, 915, 921, 932.
 25-733789, 806, 810.
 31-8022.6-802270, 272-284, 291-293.
 34-472732-472735, 738-744.
 56-514465, 475, 477, 487, 494, 498, 518,
 525, 528, 534, 546, 548, 550, 553.
 69-649361-649398.
 76-549454, 460, 463, 482, 484-485, 488-490,
 494, 497-503.
 81-523761-523770.
 95-228291-228460.
 98-647561-647568.
 104-378273.
 110-272508, 510.
 129-556936-556938.
 142-625338-625390, 412924, 929, 975.
 143-235097.
 148-467186.
 151-520746-520838.
 192-562363.
 194-346333.
 197-75409.
 235-793242-793245, 793247-793252, 254-255.
 239-551970-972, 975-976.
 244-586073.
 255-99384.
 282-533473-474, 477, 480, 482, 485, 487-488,
 490-498.
 289-583415, 430-431.
 299-198954-955.
 330-805801-805803.
 334-445967.
 339-449976, 936-988.
 340-279130, 142, 147.
 347-156218 156220.
 349-578634-578635.
 352-337146, 150-152, 157-158, 161, 187.
 367-632147, 160, 164-165.
 372-559731-559736.
 392-4831135-483141, 146-175.
 394-469127.
 402-616120.
 405-700996-700998.
 414-731434.
 424-379559.
 428-566641-566645.
 445-801076-801112.
 456-546113.
 469-441786-441790, 441806, 853-855.
 470-415468.
 471-232437.

476-326766-326774, 776.
 480-799517.
 483-508836.
 494-658277.
 507-538782, 784-785, 787-796, 563792-793,
 808, 811.
 513-527851-527870, 950, 528006-528023.
 516-615661-615770.
 535-592894-895.
 537-163471.
 549-659920.
 550-546353-546356.
 554-547372.
 567-188056-188060.
 589-521966-522001.
 596-551560, 572-575.
 610-814641-642.
 627-558453-558455.
 639-275515.
 642-564355.
 654-799523-799525.
 670-566529.
 685-569178-569196.
 686-569447.
 687-571226-571229.
 689-803111, 146-147, 181-193, 195, 199-200,
 204-205.
 692-799236-799240, 244.
 694-798191-798200.
 723-285271-285275.
 3a-390200.
 6a-434452.
 11a-695579-580.
 15a-1033876-1033879.
 24a-598423, 436.
 38a-795032, 043-045.
 39a-796656-658, 670, 673, 676.
 43a-797101-797111, 797116-797120, 131-135.

VOID RECEIPTS.

2-514054.
 7-451206.
 21-646533.
 23-796518, 583.
 31-802211, 251.
 32-351137.
 34-472693, 695, 720.
 36-446523.
 42-605874.
 43-507949, 972, 997.
 44-570455, 503, 513.
 48-574672, 688.
 56-514451, 471, 472, 474 482.

59—584366.
 60—557550.
 65—611242, 250, 276, 327, 339, 366, 406, 450,
 484, 491, 512, 562, 614, 620, 649, 657,
 711, 716.
 79—653923, 963.
 82—594050.
 83—460208.
 95—228475, 480, 485, 517.
 96—525166.
 104—599610, 624, 379009, 378317.
 106—76417-76419.
 110—272451, 475.
 112—603785, 795, 804, 833.
 119—359202.
 125—468983, 469171-173, 207, 214, 215, 219,
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Correspondence

L. U. NO. 1, ST. LOUIS, MO.

Editor:

Local Union No. 1 again sends cordial greetings to the Brotherhood. Of all things on this earth, to protect and advance the interest of mankind, harmony accomplishes the most. True brotherhood protects the family, and as the I. B. E. W. is a family of craftsmen engaged in electrical work, it behooves the members to act together. Discussions are a necessity, as no one man can regulate matters to the best interests for all. Men are all selfish to a greater or less degree. In discussing matters of mutual interest, lay aside some selfish impulses and you will find yourself benefited and others also gain



H. J. MORRISON

Of L. U. No. 1, Who Was Elected AS Second Vice President of the Missouri State Federation of Labor.

by it. Any member has a perfect right to express his or her views, and should do so, no matter how many oppose him. There are always more ways than one to accomplish an object. So listen to the others idea, and you will find some point of vantage expressed.

Don't burn the orchard because you find one blasted tree even by care it may bear fine fruit. The ladies always have a friend in this neck of the wood.

Bro. Frank O'Connell of No. 1, has been appointed organizer for the I. B. E. W. and as Frank is thoroughly posted on conditions in this district, all look for grand re-

sults. No 1 will render him all the assistance possible.

No. 1 was again recognized by Missouri State Federation of Labor. Bro. Hubert J. Morrison was elected by a handsome vote to the office of Second Vice President. Bro. Morrison is not a physical giant, but he is certainly a strong factor in the movement, and one of the most efficient officers of L. U. No. 1, I. B. E. W. The office of Financial Secretary was never under better control than during his incumbency. There is no fear of a change as long as Brother Morrison is inclined to administer the duties. All that know him, wish him long and happy life, and rest assured that he will always be a union man in the full sense of the affiliation.

The work at Fort Sill, Oklahoma seems to have lost its attractions for a number of our brothers. With some it is the water and with others the weather, but with most it's the straight time, three dollars, no overtime and considerable reduction in revenue. Things here are not crowding the members to take care of. Brother Jas. McGinn is pretty busy and seems to be building a reputation for himself and No. 1. In fact No. 1 seems to have taken on her old pride and push.

With justice to all No. 1 feels more free in demanding justice, and her demands are respected. The progress of the Brotherhood is manifested in a number of ways. With good sound minded pushers the I. B. E. W. should stand second to none.

Old Crip is again to the front with the most loyal expressions to his country and the cause of the I. B. E. W. Such patriotism deserves and will receive due reward.

Wishing and willing to work for the success of the I. B. E. W., I am fraternally,
Baldy.

L. U. NO. 21, PHILADELPHIA, PA.

Editor:

Our Press Secretary being away will try and fill bill. Everybody working and trying to do their best for the union. The strike here against the Philadelphia Electrical Company is still on, but will fight to the last. The Company has six or seven colored gentlemen now who are called linemen, also a few kids who are furnished by a school. The Company has started run by one of their stool pigeons. Hoping the convention was a great success.

Fraternally yours,

J. R. W.

Attend the meetings and subscribe for the Worker.

L. U. NO. 45, BUFFALO, N. Y.

Editor:

Well as I failed to get a letter in the last issue of the Worker, I will make an extra effort to get this in on time for the October Worker.

Now that the convention is over we can go ahead and try to keep up the good work of getting everybody working at the electrical industry in the fold where they belong, and going after all electrical worker for the electrical workers.

This convention just past, certainly was the largest and best the brotherhood ever had, and it goes to show what unity of purpose can accomplish, so it is up to

each and every one of us to put our shoulders to the wheel and get at least one new member a year. Of course each and every one of us could not get what we were looking for at the convention; but we must abide by the opinion of the majority. Atlantic City was a nice place for a convention (of millionaires) nothing free down there but the air, and they would charge for that if they had a way to control it.

That is enough on the convention as I presume some of the other press secretaries will touch on it in their letters to the Worker.

Work around here is good for the linemen as most of the companies are looking for men, and I am pleased to state that most of them are closed jobs, and must have an up to date ticket or they can't go to work. So any Brother coming this way must get in touch with the business agent to get the cream of the jobs.

Bro. E. J. Mahoney who fell from a pole on August 31 and broke his leg is getting along as well as can be expected, and he will be out among 'us soon.

While in New Haven, Connecticut, the fore part of this month, I attended a meeting of my old local No. 90. It sure was a pleasure to visit them after being away for about 15 years. There was not a member of the local who was a member while I was there, so you see what a change 15 years will bring. There is a great field down there to organize, especially on the outside, but they tell me that nobody seems to care whether they get in the union or not. Here's hoping that I may have another chance to visit them in the near future.

Brothers Walter and Louis Oakes have returned from Detroit and deposited their cards in this Local again. They are better and wiser boys for having taken their little trip. It certainly is very good education to visit their locals, and see and hear how they conduct things in their locality.

Well I will close for this time, and ever be a booster for a bigger and better brotherhood. 80,000 by the time the next convention convenes in San Francisco.

Fraternally yours,

W. R. M.

Press Secretary, L. U. No. 45.

L. U. NO. 47, SIOUX CITY, IOWA.

Editor:

It has been some little while since you have heard from L. U. No. 47. Well I haven't much to say, but we are still in the ring. Have just closed our charter after having it open for 30 days. We took in eight new members which will help swell the ranks. Have also lost three good members temporarily only I hope Bro. Hugh Cavanaugh (Red) lineman; Bro. Geo. Klass installer and Bro. August Welch, cable splicer, having seen their duty and heard their country's call for men and answered it as men should. There has been plenty of work here all summer but it will begin to drop off as soon as cold weather sets in again. Speaking of cold weather makes me think The Trades and Labor Assembly has a coal and food committee out now getting prices on these very necessary articles and we find that they are doing good work. Being able to sell soft coal for \$5.75 in your line that would ordinarily cost \$8.50 and \$9.00 and the food question will be met just the same. Pretty good idea I claim. A good many of the boys have taken advantage of it so far. They have disposed of nearly five carloads of coal and have orders yet unfilled. The only thing necessary to get the coal is a paid up card in an organization affiliated with the Trades

Labor Assembly. I hope you will find space for this, condensed or otherwise. Bro. James Philpot is a delegate to T. and L. Assembly and also chairman of the T. and L. Committee. Anyone who knows Phil has heard of his good work along these lines when he was a member of No. 173. Now for another who though not a member of our organization was a good friend and conscientious worker as this clipping will show. Please print if you have space and oblige.

Press Secy., L. U. No. 47.

P. S. You may hear from me again if your Uncle Sam don't see me first.

L. U. NO. 51, PEORIA, ILL.

Editor:

Well, here I am again with another letter to the Worker to let you know that Local No. 51 is doing business in the same old place but our meetings are about the same old thing as usual, poor attendance. I don't know what seems to be the trouble with some of the members by not attending meetings. It seems as though they have lost the spirit they once possessed, as union men. It seems to me they have forgotten that in Union there is strength, which is the backbone of wages and conditions as against individualism which means low wages and poor conditions. It is pretty near time that the working class of people become a little more class conscious, and receive some of the benefits that they are entitled to, instead of being the goat for the cooperations for rotten conditions and low wages.

Well our town of Peoria has gone dry on Sunday's and I suppose some of the reformers are satisfied. All the distilleries are closed which means that some more men will be thrown on the labor market, and the more thrown on the market the less the cooperations will have to pay for wages, which will once more tickle some of those reformers that go around the country posing as a friend of the people with a lunch in one hand and a club in the other, ready to knock you down when ever you reach for the lunch. We have two brothers who were called to the colors, and we have a few more that are liable to be called in the near future. Our Brother Local No. 34, forgot that they should have a Press Secretary, as I don't see nothing in the Worker. What is the matter brothers, you surely have got somebody that can write a letter once in awhile and let us know how you are getting along. So let us hear from you in the next Worker. Brother Maze of Local No. 94 of Kewanee was in town and was glad to hear from him that he has the bunch pretty well organized. More power to you Archie. Old kid hop to it and get some more members. We are working on a new set of by-laws which we hope to pass at our next meeting as final, and if it passes, and is approved by the G. O. our initiation fee will be \$25.00. Brother Gill who was burned last month had to have the index finger of his left hand amputated, which makes the loss of two fingers, but is improving as good as could be expected.

In closing for this time I want to say hello to R. W. Harvey. How are you making it these days old top. Would like to see you once more, so I can have an argument with you. Hoping this meets with your approval, I remain,

Yours for the cause,

Zeb Brown, P. S.

L. U. NO. 57, SALT LAKE CITY, UTAH.

Editor:

The situation in Salt Lake City remains unchanged. This past summer Local

Unions Nos. 57, 316, 364, 373, 380 of Utah, with 449 of Pocatello, Idaho, had an agreement up with the Utah Power & Light Co., and the Phoenix Construction Co., and it looked very much like we were going to get an agreement with these two companies when the men on the Phoenix Construction Co. work became discouraged because the committee that was handling the negotiations with the companies were not working fast enough for them and so in the middle of our controversy these men at Weber's camp walked off the job and pulled other men working in other camps off also. The committee had wired the general office for a man to put a strike vote. Brother Lee responded and put the vote to the men working for the Utah Light & Power Co. These men decided to stay on the job and do a little organizing. The men on the Phoenix work after being out one week voted themselves to go back for the same money and better sanitary conditions in camp. The Business Agent Burch made a steward report of his work for seven weeks and in that time he has picked up about 90 applications and the biggest portion of these are now members so it looks very favorable the next time the unions go for an agreement that they will be in a better position to get same.

We are now waiting for an organizer to come here and help start negotiating another agreement with the Utah Light & Power Co.

Any brothers coming this way with a paid-up ticket, will sure find some place for them to go to work and they will be well cared for while they remain in our city.

Trusting that you will find room in your Worker to publish this for L. U. No. 57, with success for our Brotherhood, I remain,

Fraternally yours,

Walter O. Kelley,
Member L. U. No. 57.

L. U. NO. 86, ROCHESTER, N. Y.

Editor:

Just a few lines to let you know that L. U. No. 86 has come to life during the last two years.

We have made wonderful strides towards bringing our local up to a good standard. Our treasury is in first class condition; the boys are all prompt in paying their dues, and the meetings are largely attended, but we would like the following brothers to please honor us with their presence once a month at least: Bros. Beckler, White, Smith, Schaad, Gysel, Lipe, Gottberg, and a few more, who I can not think of just now, but will remember and name them next month.

There are many applications coming in lately, and there are many more that should come in from two or three open shops where the boys get as high as \$18 per week. But they do not seem to wake up to the fact that the union is the best friend they got in regard to getting good money. On account of these shops we were forced to put the ninety day clause into effect.

Now, a short space in regard to the war. The following brothers of this local are doing their bit for Uncle Sam: Sweeney, Brucski, Kurtz, Maurer and Bullinger. These boys are now privates, but do not be surprised to read in the near future an account in the papers that will read something like this: Battle of Brussels taken care of by the following men: Chief Engineer Brucski, Maj. Gen. Kurtz, and Majs. Sweeney, Bullinger and Maurer. Here's good luck to all those boys and we hope the next time they come home they will be all decorated with gold braid.

A little more dope on work around this town. There are only two big jobs of any importance. One is the Symington Mach.

Co., that are working on a large shell contract for the United States Government and they keep about fifteen journeymen and five helpers busy. The other is the Symington Anderson Co., and they manufacture cannons. The work on this job is taken care of by Brother Timmerman, our former business agent, who we all felt sorry to lose, but the brother has advanced himself about 90 per cent and we all wish him good luck in his new position. The work on the Symington Mach. Co., is handled by Brother Cassert, who certainly is one white fellow.

Now we will have to use the hammer on some of the brothers, that is a few of the boys who we have to class as "speed fiends" or in other words "raw hiders," those fellows who rough-in an 8-room house in eight hours and actually brag about it. Why they brag about such a thing is beyond my power of reason to believe, because they are only trying to set a pace for the other brothers to follow, and such a pace is bound to lead into that old proverb that we can all recall that reads like this: "the pace that kills," that is they are trying to set a pace that is bound to break down their health and will certainly lead to a quick grave, so we hope that these fellows will get wise to themselves and use a little judgment and work at a reasonable pace.

Well, I guess this is enough bull for this month and we will pull the switch until the next issue.

Fraternally yours,

H. O'Connell,
Press Secretary.

L. U. NO. 94, KEWANEE, ILL.

Editor:

Well I suppose by the time this reaches the print that the convention will be over and let us all hope that it will go down in history as the greatest ever held. And let us also hope that the next convention city will be more centrally located, so that some of us smaller locals will have a chance to attend. I am pleased to see that the Brothers over the country in different places are getting new agreements signed up calling for more money and better working conditions. Work here is fair, nothing rushing, but all the boys are busy. We have a fine bunch of merchants in this burg. You can't hardly find any union made goods in their stores, outside of shoes, hats, overalls and work shirts, but I don't know as you can blame them as much as you can the union men here. That is a lot of them, that fail to demand the union label. A union card looks good in a scab made pocket I must say. Brothers demand the union label on everything you buy and it won't be long before the stores will be full of union labels. We also have a nice bunch of men working for the Telephone Company here. Nothing doing. When it comes to going into the union they claim they have not got the money, which is no more than could be expected from an unorganized bunch like they are. We have two members on the job there. We have lost one Brother and about to lose another, the cause, fighting for the U. S. A. We have several more that are the right age among them 'yours truly' I suppose it will be our turn before long. But we can't all fight in France for democracy. Some of us have to stay in the good old U. S. A. and fight for Labor and Democracy, and there sure is plenty of fighting ground to battle upon. Well as I have taken up about enough space for this time will now close the circuit.

Fraternally,

Archie Maze,
Press Secretary.

L. U. NO. 104, BOSTON, MASS.

Editor:

I now take the pleasure of saying that Local 104, I. B. E. W. feels very proud of the Brothers in Sub Division No. 1 of Framingham, Mass., for Sub Division No. 1 took first prize with their float in Labor Day parade. Framingham C. L. U. voted to have a parade Labor Day which was more than Boston did, and as Local No. 104 has a Sub Division in Framingham, they decided to get in line and show their colors.

The first action taken was to appoint a Labor Day committee which had direct supervision of all preparations for Labor Day, and I must say that no mistake was made when this committee was chosen which was Bro. John Egan, Wm. McLaughlin, Farnem Billing and Bro. Eldridge, and much credit is due them for the time and energy devoted in building a suitable float, for it was after they had completed their days work that the float was built, and any member who has taken part in a Labor Day parade where a float is displayed knows that most of the work has to be done by the committee and in the late hours of the night. And we have not as yet arrived to the point where we can pay our member for the work done for the good of their fellow workmen.

Just a short description of construction of the float. A large heavy wagon was supplied by Mr. Daniel McLaughlin, who is well known by all the linemen in this vicinity, and who has two sons working for the New England Telephone Co. On this wagon was securely fastened three poles about ten feet long. The Electric Light men placed their cross arm on the top of the poles and ran a set of primaries, hung the transformer and cut outs and their secondaries so the Telephone men could have light for to run these messenger and cable below and to put on the boxes and seats. The decorating was done by a Local decorator under the supervision of the committee, and when this masterly piece of construction left the headquarters we had four good horses on it nicely decorated and an expert driver who was able to handle his lines in such a manner that the two Electric Light men who were in their respective positions on the poles could pass safely under the limbs of trees and low trolley wire. Owing to the constant vibrating of the wagon the cablemen found it a rather difficult job to cut in their boxes but before they arrived at the center of the town, they had most of the lines O. K. The prize given for the best float was a gold loving cup with the inscription First Prize, Labor Day, Sept. 3, 1917 and Sub Division No. 11 won it. Now for a little mite of criticism. The Organized Workmen of I. B. E. W. of Framingham, was very poorly represented as we only had seventeen men in line, but a large number of our good union brothers as they claim to be stood on the street and reviewed a grand body of men pass by also including a float of outside Electrical Workers (I mean Stump Jumpers and Copper Artists) which was well constructed, but they would not parade. They are afraid of their bread and butter.

Now for a little of what is going on in and around Boston. The Telephone Company has promoted some of their foremen to the Irons to go climbing again and a few of the linemen got their little blue slips. The M. K. Kendall Co. wants a few men for work in Marlboro, and also in Mansfield and they pay the standard wage of 50c an hour. The F. T. Levy Co. are expecting a new high line to be constructed when the snow balls arrive.

The Edison Company I hear wants men but they are not looking for men with a ticket, if they can help it although they

are paying 50c per hour, and have agreed to meet a committee of employers from the Union. We may in the near future be able to say that none but ticket can work there. And anyone coming this way stop off in Framingham and the bed and bacon will be well taken care of.

Fraternally yours,

H. W. Shivers, P. S.

L. U. NO. 112, LOUISVILLE, KY.

Editor:

Well brothers I will try and get another letter in the Worker, as the last one escaped the waste basket. Well on October 1st, the local entered into an agreement with the Louisville Home Telephone Co., for one year. The agreement provides for the employment of union foreman, linemen, trouble men and installers, with an additional increase in salary of 45c per day with the working hours reduced from 9 to 8; with time and a half for overtime and double time for Sundays and holidays, and all the boys are well pleased over the fact that the telephone company has to make application to the union when they want additional men. So you see some of the non-union linemen who have had the habit of taking out a card when they get on the job and dropping it when they leave, had better take notice that they will find that, a thing of the past. For they will have to have the little green ticket in their pocket or their names must be enrolled on the minute books of the L. U. before going to work. Well, working conditions are very slack here at present, as 10 of our members got layed off October 6, but this lay off has been expected for some two or three weeks, so it was not a surprise.

The linemen employed by the City of Louisville Fire Alarm Corps, presented the city officials with a petition for an increase in salary which was turned down and as the result the men went on strike October 4th, and have been out 5 days, but as Organizer, A. Bennett, is on the job to help the committee out, we are almost sure there will be a settlement reached in a short time. Well, the local has appointed a committee to draw up some new by-laws which we think will increase the attendance or the treasury unless a member attends a meeting night a month he will be fined 50 cents. So this will give the one or two members who think there is one clique that runs the local a better excuse to get to the meetings oftener and see how the meetings are conducted.

Well, our worthy delegate to the convention, Brother Henry Reed, brought back a fine report which was received by rounds of applause by all the members assembled.

Fraternally,

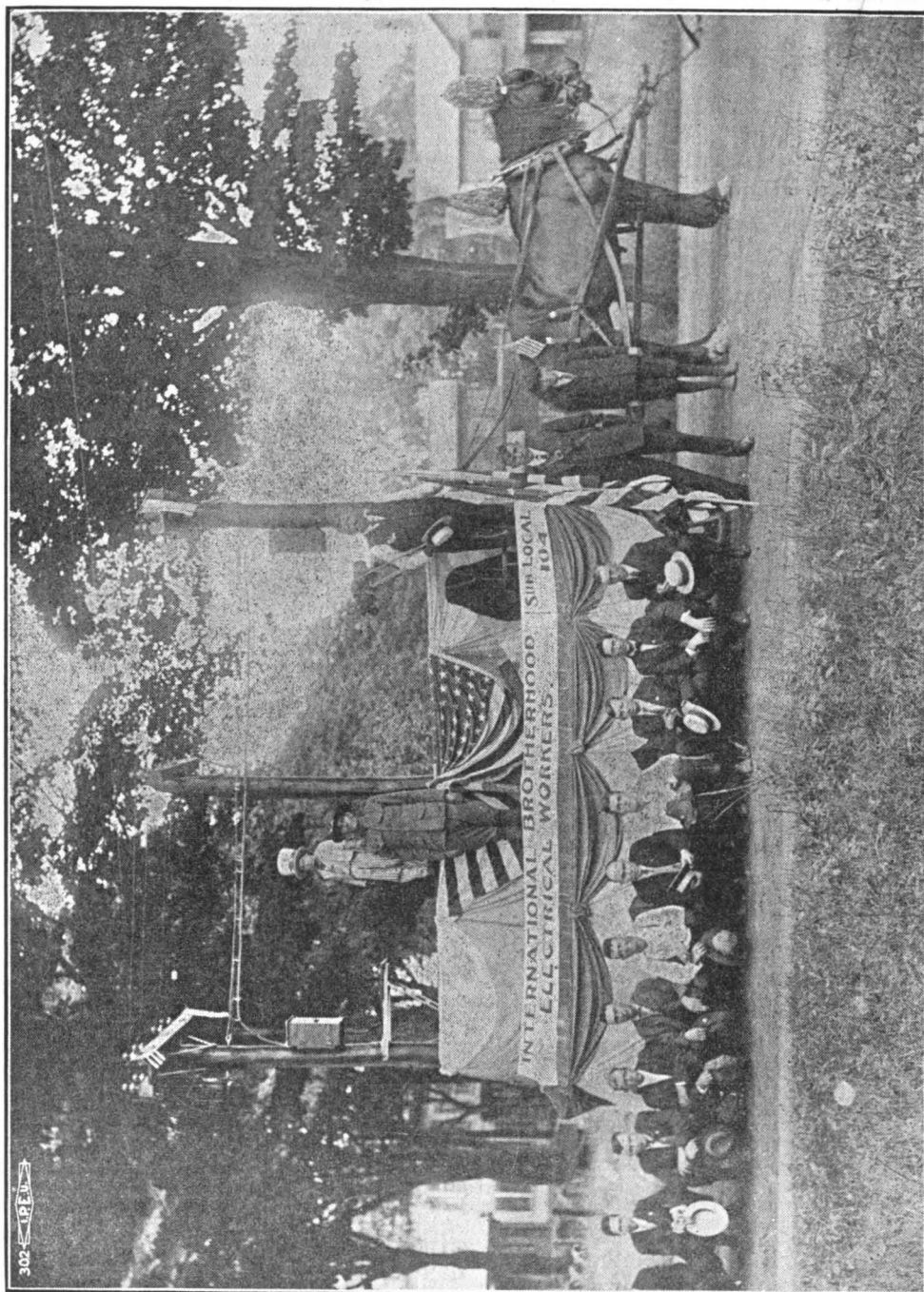
H. G. H.

L. U. NO. 130, NEW ORLEANS, LA.

Editor:

We wish to take this means of thanking all the local unions that responded so promptly to the appeal we sent out last April—asking for financial assistance in our trouble. I am glad to say their assistance materially helped us in defeating the prosecution of the four members.

Also wish to report that we have signed up the Standard Electric Co. of which Mr. Hobley S. Stearnes, President of the National Electrical Contractors Association, is owner; also Marks Electric Co., of which Mr. J. G. Marks, (Sec. of the Local Branch of the National Electrical Contractors Association) is owner; and the Commercial Electric Company, which has been fighting Local 130 for fourteen years. Two other firms also signed up. So you can see that our appeal and the response thereto together with our own efforts were not in



FLOAT, I. V. NO. 104, BOSTON, MASS., LABOR DAY, SEPT. 3, 1917.

vain. We feel most grateful to each of the locals who assisted us and wish you to publish the names of these locals as per list enclosed and also publish this letter.

Thanking you for this kindness and with best wishes, we are, fraternally yours,

G. W. Kendall, Chairman.
P. B. Autrey, Secy.
A. T. Whitley,
J. J. Farmer,
D. J. Byrne.

Committee.

L. U.	City.	Check.
59	Dallas, Texas	\$10.00
196	Rockford, Ill.	5.00
347	Des Moines, Ia.	4.00
10	Butler, Pa.	2.00
106	Jamestown, N. Y.	2.50
231	Sioux City, Iowa.	1.00
583	El Paso, Texas.	10.00
251	Pine Bluff, Ark.	1.00
420	Keokuk, Iowa	1.00
474	Memphis, Tenn.	10.00
225	Norwich, Conn.	2.00
8	Toledo, Ohio	5.00
116	Ft. Worth, Texas.	1.00
601	Champaign, Ill.	2.00
122	Great Falls, Mont.	5.00
93	E. Liverpool, O.	2.00
176	Joliet, Ill.	5.00
491	Hopewell, Va.	1.00
584	Tulsa, Okla.	10.00
247	Schenectady, N. Y.	5.00
562	Lowell, Mass.	2.00
20a	Haverhill, Mass.	2.00
381	Chicago, Ill.	23.00
634	Taylor, Texas	3.00
7	Springfield, Mass.	5.00
86	Rochester, N. Y.	1.00
212	Cincinnati, O.	10.00
557	Minot, N. Dak.	2.00
194	Shreveport, La.	5.00
579	Globe, Ariz.	5.00
34	Peoria, Ill.	2.00
200	Anaconda, Mont.	5.00
84	Atlanta, Ga.	5.00
494	Milwaukee, Wis.	5.00
376	Princeton, Ind.	2.00
107	Grand Rapids, Mich.	1.00
292	Minneapolis, Minn.	2.00
323	W. P. Beach, Fla.	1.00
349	Miami, Fla.	10.00
458	Aberdeen, Wash.	1.00
375	Allentown, Pa.	1.00
28	Baltimore, Md.	1.00
202	Boston, Mass.	2.00
481	Indianapolis, Ind.	10.00
141	Wheeling, W. Va.	5.00
727	Schenectady, N. Y.	5.00
181	Utica, N. Y.	5.00
237	Niagara, N. Y.	2.00
258	Providence, R. I.	5.00
397	Paraiso, C. Z., Panama.	2.00
437	Fall River, Mass.	1.50
276	Superior, Wis.	2.00
150	Lake County, Ill.	3.00

L. U. NO. 130, NEW ORLEANS, LA.

Editor:

For the last two years at least, almost every one has talked preparedness in some of its various forms, some have satisfied themselves with simply talking while others have put their thoughts and words into action; among the latter class is Local No. 130, and the members of the local unions throughout the country will probably be interested in the result of this action which has taken on the form of an amendment to the by-laws.

The amendment, of course, is subject to approval by the International Office and creates a reserve fund similar to a fund of the same name maintained by most successful commercial institutions to tide them over when business is inactive, and serves the triple purpose of first, insuring our members against unemployment during the dull seasons when the supply of skilled labor exceeds the demand; second,

preserving intact the membership of our local, thereby maintaining the working conditions now existing, and third, adding to the already numerous inducements to join the Brotherhood, held out to non-union workers.

The reserve fund is created by assessing each member 25 cents a week together with an assessment on all overtime; by such an assessment the man making the most money will pay the greatest amount into the reserve fund which is only as it should be.

When conditions are such that employment can not be obtained, the unemployed members are paid an amount sufficient to keep their account open at the grocery and elsewhere, which is one of the first considerations of the man with a family. It also deprives our week-kneed members of that old abused excuse for dropping out of the local when times are dull.

Some of those who are fortunate enough to be making overtime may complain that they are entitled to all they can make and should not be assessed to a greater extent than those who are not so fortunate, but the thinking men will stop and consider that the prevailing rate of regular and overtime pay is the direct result of the maintenance of the organization under whose jurisdiction they are working, and that when work is scarce it may be worth a dollar a day or more to them to keep some of the unemployed workmen from offering their services for less than the established scale, thereby endangering not only their own position, but that of their organization as well.

That all of the above-mentioned facts are well recognized by the members of 130 is emphasized by their vote on the amendment there being only one dissenting vote cast out of a membership of approximately two hundred.

The foregoing words are not written for the purpose of praising Local No. 130, but only with a view to helping some other local solve a problem which has troubled us for some years and which we now believe to be solved.

Copies of the amendment or any information concerning same will gladly be furnished upon application to the Reserve Fund Committee.

So much for the serious side of the local's proceedings. I will now tell you something of our Labor Day picnic held on the shores of Lake Pontchartrain near historic Spanish Fort and which was pronounced a great success by all who were present. Thanks to the committee who had it in charge and worked untiringly to that end.

The committee evidently believed in preparedness for they requested the use of the local's Tin Lizzie to run errands, keep the crowd well supplied with refreshments, etc. Among the refreshments were ten kegs of beer, now I will leave it to the reader's imagination as to what other objects of transportation the committee may have had in mind.

We are proud to say, however, that when the time came to go home, everyone knew the way and no one needed assistance.

Another fact worth mentioning in connection with the picnic was the presence of about twenty new members, who in after-dinner talks expressed themselves as being thoroughly satisfied with the local. These new members are the result of hard campaigning, we have even gone so far as to put on an additional business agent for the purpose of organizing the open shops.

Some of these shops have refused to sign our agreement and have discharged the men who have come into our organization, adding slightly to our already numerous problems but we refuse to permit such things to worry us and forge right ahead,

believing that, there is no failure except in no longer trying.

Fraternally,

James Rippard, P. S.

L. U. NO. 147, CHICAGO, ILL.

Editor:

At this writing most of the delegates are home and back on the job from the convention. It is unnecessary to mention its proceedings were inspiring and a success that was finally caught in a wave of harmony that concluded the deliberations of the convention. Local 147 takes this opportunity to thank Washington, Philadelphia, Atlantic City, New York and Boston locals for the courtesy shown its delegates and the splendid entertainment that was provided for them will never be forgotten. Several of the delegates enroute home stopped over in Chicago to witness the first game of the World's series. Prominently among them were Atlantic City's Life Saver—Boomer Davis, who endeared himself to all the Brotherhood delegates as their Red Rebel Chief, a social organization to combat the high cost of thirst. Brother Business Agent, Harvey Watson from Detroit and General Organizer Lyons visited Local 147's office during their brief stay in Chicago. We note upon our return to date the total of three hundred and thirty eight members drafted for the National Army. To meet this deficiency in our local it was necessary to lower the initiation fee. For the short time going to the press we shall stop here to be continued in our next.

Fraternally,

Mack Larsen, P. S.

L. U. NO. 155, OKLAHOMA, CITY, OKLA.

Editor:

With sadness I relate that it fell to me to pull our good Brother J. J. Conner from the wire that caused instant death on July 22d.

We should have at least \$1.00 per hour for this kind of work the world over.

Quite a number from here have gone to Fort Sill. Seventy-five cents per hour and ten hours with overtime and double time.

The high line is now in operation to Norman and the bunch is at work on the El Reno—Euclid, line.

Every man that comes this way goes to work that cares to.

Convention will be on soon and we hope that much good will be done.

Wish they could take steps to organize every craft into one union instead of a local for every craft, as we all certainly belong to the same class, and should be the only class that has the right or power to be.

We should not fight among ourselves but fight the common enemy, the capitalist class. Fraternally,

W. M. Dornell.

L. U. NO. 156, FT. WORTH, TEXAS.

Editor:

Being a very sick man at this time I can only write a line to say that our brothers in this part of the "Sunny South" made a good showing on Labor Day, and are also making good on their patriotism, as well. The September Worker contained some mighty good reading, both editorial and otherwise. We are anxiously awaiting the October issue to learn what the boys did down in the "City by the Sea," made famous by her big board walk as also her attractions at the "Surfs-Edge?"

I hope the delegates had a profitable as well as an enjoyable time, and I feel sure that the Atlantic City local did themselves proud in entertaining the delegates.

My constant misery is very great, and it never let up, but I am game and determined to grin it out with old destiny.

If O. H. (Curley) Key formerly of Hamilton, Ill., should see this, I would like him to drop me a line.

Best wishes to all members,

Fraternally,

Robt. G. Wright,
(Old Crip.)

L. U. NO. 163, WILKES BARRE, PA.

Editor:

They are three different Electric Light Companies in our local jurisdiction.

First, the Luzerne County Gas & Electric Company, a branch of the American Gas Company of Philadelphia, Pa., which operates in the suburban towns up and down on the west side of the river from Wilkes Barre, a stretch of about twenty-five miles of territory. They also operate on the east side of the river from Hanover, to Newport Township, a stretch of about ten miles; and they also have Gas operations in some of the towns. They are rebuilding the Electric Light Plant, which the company estimates will be a million dollar plant when completed. They employ about twenty-five linemen at present. We have an agreement with this company.

Second, the Wilkes Barre Company, a branch of the United Gas & Electric Company of New York, which operates in Wilkes Barre and up and down on the east side for a stretch of about ten miles. They have Gas & Steam operations in Wilkes Barre. They employ about six or seven linemen at present. We are trying to negotiate an agreement with this company.

Third, the Wilkes Barre Light Company, which is an independent Company, and for some years has been confined to one square city block, south of public square; but of late their city franchise has been approved by the Public Service Commission; and on two different occasions, they have been the lowest bidders on the Street Lighting contract, but for some reason the contract has not been awarded at present. Their franchise has also been confirmed by a recent decision of the supreme court. And we expect the New Light Company will start soon to extend their lines throughout the city; and we will be benefited by competition, which will bring with it more work and make the electrical business more reasonable, profitable to all concerned in a general way. Wilkes Barre is a rich Electrical proposition for two companies. There is every indication that we will have an agreement with this company later on.

When Organizer Kloter was here last July, we took up the matter of a signed agreement with E. A. Wakeman, Manager of the Wilkes Barre Company, and he informed us that his company would pay any scale of wages that any other company around here paid in the electrical department, but that he would not sign an agreement; that his company was opposed to signed agreements.

We also met George Donald, Superintendent of the Wilkes Barre Light Company, in regards to signing the agreement; and he said that they could not sign an agreement at present, because their company was in the hands of the receivers; but as far as he was concerned, they would sign the agreement just as soon as they are relieved from the receivership; which they expect to be in a very short time.

We are communicating with secretaries of the locals of the Brotherhood where a branch of the United Gas & Electric Company operates, inquiring as to whether they have any signed agreement with any

branch of the aforesaid company. We will try to be as well fortified as possible when we meet the manager of the old Light Company again on the matter. We will also keep in close touch with the new Light Company situation.

We have the Street Railway Company to organize; and the Independent telephone and Bell telephone companies need very close attention at present. There is plenty of organizing to do, as well as to fight to keep the conditions that we have established. The steam railroads and coal companies are building high tension lines and equipping their establishments with electrical operations and this branch of jurisdiction needs looking after and it is a very hard proposition to work, particularly with the coal companies; because the United Mine Workers of America claims the jurisdiction over all who works in and about the mines.

We have lost a lot of good work in our jurisdiction that has been taking for years from the Brotherhood, by the United Mine Workers of America; and in different shops and factories in this vicinity; and the best possible fight must be started in the very near future and continued until our rightful claim of jurisdiction is restored. I trust that the delegates to the next A. F. of L. convention will take up the matter for the restoration of our just claimer of jurisdiction and continue the fight until our rights are established.

Organizer David Williams of the Machinists Union has been located in Wilkes Barre for the last year; and President Johnson, has sent in Organizer McMahon to organize the Lehigh Valley railroad; and the Central Railroad of New Jersey and to assist in other matters of organization in this vicinity; and fight to retain and restore their lost jurisdiction.

As soon as we are relieved from some of the propositions that we got on hand we will start a move to organize the telephone operators.

This letter is written with the view of familiarizing you with local conditions as exist here at present.

The 14th regular convention has convened and adjourned since my last letter to the Worker, and L was honored with the distinction of being one of the delegates that went to make it the largest and most important convention in the history of the Brotherhood from a viewpoint of delegates in an attendance and numerical and financial strength represented.

Many matters of legislation of great importance was before the convention for consideration and after delineation of two weeks the conclusion of the majority of delegates was drawn; and regardless of our individuals views if we are open for conviction, the constitution as adopted should be ratified.

The difficulty benefit proposition will be submitted for consideration in two different plans for maintenance. I personally prefer plan No. 2, and I trust that the difficult proposition will carry.

Frank J. McNulty is re-elected International President and as such he deserves the undivided support of the rank and file; our motto should be boost for the brotherhood and success will follow.

Fraternally yours,
Anthony (Love) Lynch,

29 N. Meade St. P. S.

L. U. NO. 177, JACKSONVILLE, FLA.

Editor:

Dear brothers, this job opened up a little ahead of our data, on account of the fact that there was several buildings on the ground used by the Gun Squads, when they had the National Shoot here. I asked through the Building Trades for a scale

of wages, the same that was asked in Chillicothe, Ohio. They took the matter under consideration and immediately placed in effect the Chillicothe Ohio scale, as follows: Wiremen 62½ cents per hour. Inside Foremen 75 cents per hour. I am of the opinion that the same scale will effect the linemen. I hope so. I wrote and asked for a conference with the Chief Electrician, the scale above was type written and handed me by the Business Agent of the Building Trades Council. I also asked that they hire men through our representative, have not heard from this as yet. I called on I. S. by wire for a National Organizer. Received a reply that he had turned matters over to John Purcell, 1446 N. St., N. W. Washington, D. C. I immediately covered this entire case in a letter explaining the entire matter in a plain concise way. Tried to impress upon him the importance of sending in an organizer. You can tell the men they can come if they want to take a chance at this camp, as we have several men here already. The fellow who always wants to get in on the ground floor, well you can't blame them can you? I am trying to get the camp people to ask for men through this local. I am hopeful that we will have better. I am also pleased to state that the men coming in show a disposition to consult the B. A. of our local before going to work. If this continues we will be able to control the situation. Tell the men to come in. Impress upon them the importance of having paid up cards. Will be pleased to welcome any and all with paid up cards. No wall around Jacksonville, Florida, is the slogan of 177. I am trying to get in line with all. Pardon me if I am slow, or miss you, as sometimes letters go astray.

Will be pleased to see you, whenever you come. I am a pretty good fellow if you have a paid up card. But an ugly cuss, if you haven't. So this is the situation in Jacksonville, Florida. Help us make good by sending in good wiremen and linemen. Fraternally,

E. J. McDonell,
B. A. L. U. 177, 1235 Main St.

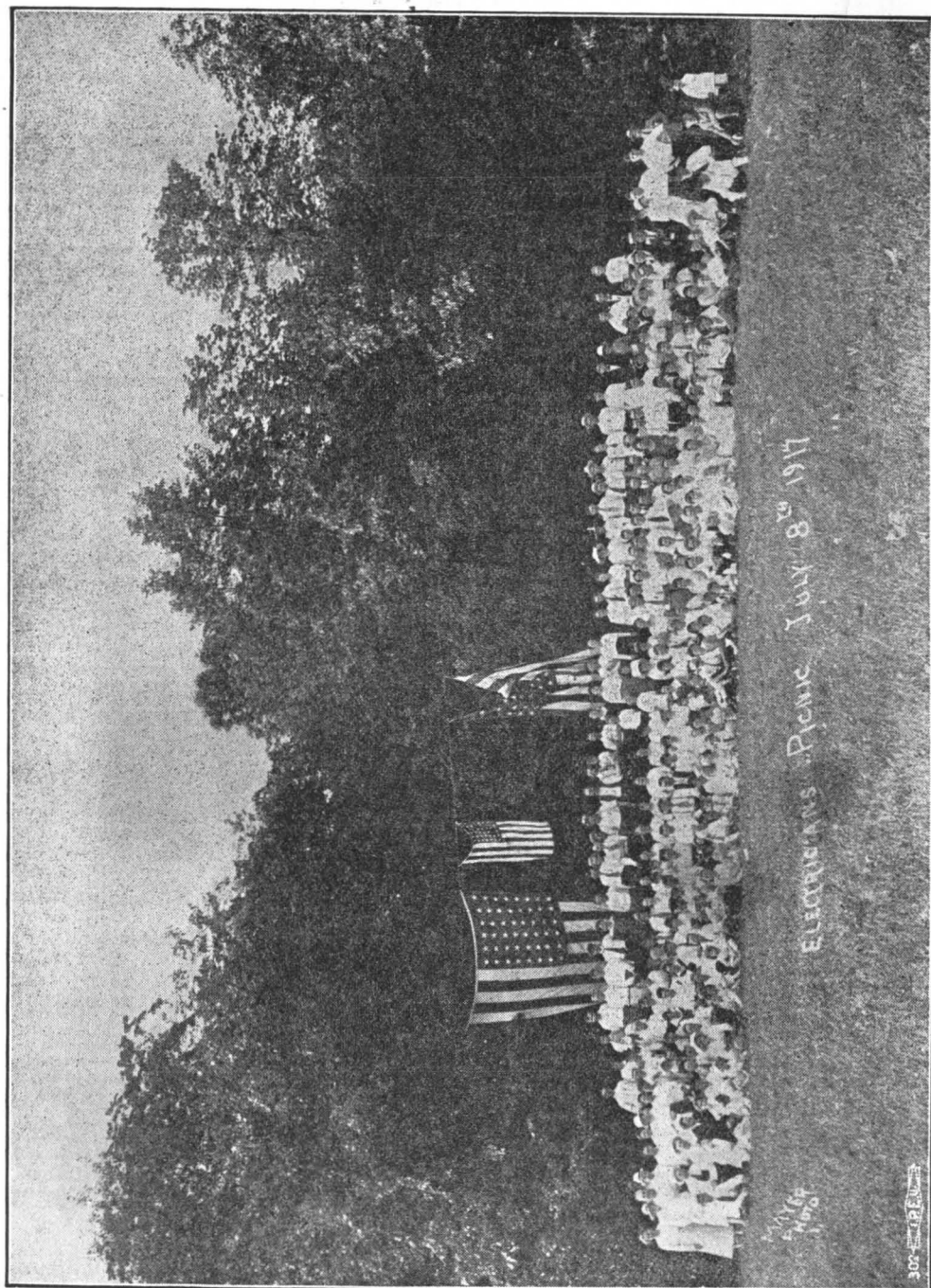
L. U. NO. 193, SPRINGFIELD, ILL.

Editor:

Boys we are all very busy here so just want to say the Utility job went bad and some of our members proved disloyal and we want everyone to know who they are. Harry Logan, Dan Holmes, C. A. Dick Page, Bill Carter, Low Dailey and Willard Wheeler, who formerly worked at Aurora, Ill., and the local has fines placed against all of them. The street car strike is still on and these fellows do the necessary work for the company, who have employed gunmen to protect them while at work. I think the local was fortunate in having elected Bro. F. C. Huse as alternate to convention, as he is a hard worker for conditions and one of our faithful members. He will have his report at next meeting. We had a letter from Brother Herman Bretz who is in the Q. M. C. in Texas, serving Uncle Sam and we carry all our brothers while they are preparing to whip the Kaiser. Brother Hornbuckle is able to work again after his recent accident. Bro. (Dock) Marshall, our worthy Recording Secretary is now with the Interstate Telephone company as Bug Hunter, and Brother Dillard is with the city light. More next time.

Will close wishing success to the Brotherhood and all its members.

D. A. White, B. A.



ELECTRICIANS Picnic July 8th 1917

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L. U. NO. 206, JACKSON, MICH.

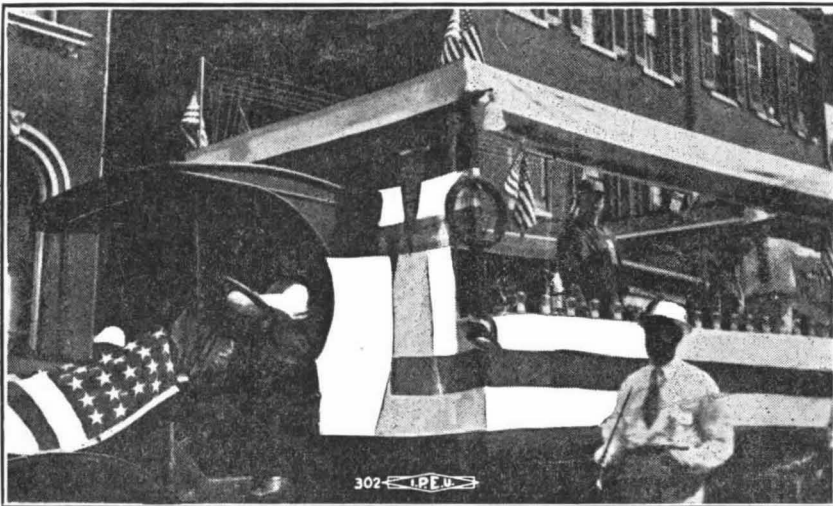
Editor:

Just a few lines to let you and the brothers know that there is at least one representative in Jackson. I have been working here for about three months and have failed to find an Electrical Worker that has a card in his pocket, except a few men working for the Bell on the Government job. But as for the Bell Telephone, Citizen Telephone, Consumers Co. or Michigan Railway, I do not think there are any or they must be hiding their cards under their hats. When I first hit this town, I went up to the Trades and Labor hall and waited for quite a while for somebody to show up, but about 8:30 it looked as I would be the meeting by myself, so I went home and I went up twice again, but never met any member of the I. B. E. W. up there. Finally I went over to Lansing and was told that L. U. No. 206 was no more, which I sure was sorry

thing ready to write so I have decided to send a short history of our local published in last week's Trade Unionist. It's old stuff to Topeka boys but it might interest some one else:

Eight years ago today, Topeka Electrical Workers had little thought of organization. The average scale was \$2.50 for a 9-hour day and most every one was satisfied. There were three or four chaps though, that had belonged to labor unions before and some of them would occasionally agitate the peaceful waters. Also occasionally a plumber would ask some of us why we weren't organized, but the most of us neither knew or cared anything about labor unions.

For my own part I remember to have had three serious objections. One was that it cost money—\$1 per month—and very little good could come from it. Another that the fellows were mostly cutthroats and wouldn't hang together and might injure my pull (?) with the boss, and still



L. U. NO. 212, CINCINNATI, OHIO, FLOAT USED IN LABOR DAY, 1917, PARADE.

to hear, as I like to attend meetings. Since then I went to Lansing whenever I got a chance.

I have talked with a few of the boys in trying to start a L. U. but they do not seem to take much interest in the proposition. I think this town could have a good local, as there are quite a few electrical workers here. The Consumers Power and Michigan Railway are a hard proposition, as they do not want any card men on the job if they can help it, but we must ever fight and try to break their offenses. We must intrench ourselves strong and deep, and when we are strong enough let them know we are on the job to stay for I think if we would go at them in the right way we could get into an agreement with them.

Well I hope the convention will turn out good, and may we have good officers and a bigger and greater I. B. E. W. and a good Organizer for the State of Michigan.

I am your fraternally,

P. H. Greenhouse.

L. U. NO. 226, TOPEKA, KANS.

Editor:

The time is near when my monthly bit is due to the Journal and I haven't any-

another, it might require me to leave my young wife and come down town once a month. I agreed that if they would excuse me from attending meetings thought that I would join. In other words I was willing that they have a labor union just so I didn't have anything to do with it. (We seem to still have a couple of such members.) In the fall of 1909 a representative of the "Collins-McNulty" faction tried to organize all electrical workers, inside and outside, but failed. Along in January of 1910, a lonesome, sorry looking wire yanker in H. B. Howard's shop decided to take matters in his own hands. So he procured some application blanks and got busy, obtaining the seven applications necessary for a charter. This disturber of our peace was Brother John T. Whyte. Brother Whyte sent his seven applications direct to Brother Ferguson, with whom he previously was acquainted.

He received no reply to his communication for a couple of months and had about decided that there was nothing doing, when he met Brother Ferguson on the streets. Ferguson declared that he had come to town to organize the inside wiremen and would stay till he got every last one of them. Then began his spring drive for men. A good share of his time was spent in the rear of shops and up and down the back alleys, for although none of the con-

tractors seemed opposed, still two powerful corporations unfriendly to labor unions were fearful that some of their loyal men might get salvation and so kept Brother Ferguson under surveillance.

We held our first meeting May 4, 1910, when fourteen men signed up—two others that appeared on our charter, signed the next week—and elected the following officers: President, M. G. Hathaway; vice president, Art Tucker; recording secretary, T. E. Vesper; financial secretary, J. W. Everetts; treasurer, Bert Keele, inspectors, Gill and Robbins; foreman, Bob. Patterson; trustees, P. M. Montgomery, G. R. Sheldon and A. E. Sutton; and we were off.

At our next meeting there were sixteen members on the roll call and \$9.05 in the treasury. We decided to put the money in the bank. It's still there. Our beginning was very inauspicious as we were organized under the outlaw faction of the I. B. E. W., and many or most of the Topeka union men were against us and openly and secretly opposed us in various ways. We had difficulty in getting our delegates seated in the Industrial Council even as fraternal delegates and a committee from that body fought us before the city council for our appointment of city electrical inspector. There were other things that galled and discouraged us and disheartened our weak members. However, November 1, 1910, our first wage agreement went into effect and we began to feel that we had accomplished something that a labor union was worth while even if we were compelled to go it alone.

It has always been my contention that if we hadn't gone after that first agreement just when we did that our local union would have disbanded that winter from lack of interest.

In the month of February, 1913, we withdrew from the "Reed-Murphy" faction and joined the legitimate faction. After that things were lovely. We still have petty troubles and some that aren't petty. Also a few listless members but doubt if there is one member that would desire to go back to the old order of individual bargaining.

ELECTRICAL WORKERS.

By J. R. Woodhull.

L. U. NO. 239, WILLIAMSPORT, PA.

Editor:

Well it has been so long since 239 has been heard of through the Worker, I will put in a few lines to let the brotherhood at large know we are still on the job and are taking in new members right along. We have at the present time only about one-third of the Electrical Workers in this locality with us, but our prospects are better now than they have been for some time. Through the efforts of our Central body we were able to have a Labor Day parade. The first in about 14 years. I think it showed a lot of these slackers that there are a few of us with gumption enough to get together and try and better ourselves. I think we will have less trouble to get them to come in for we sure showed them that L. U. 239, I. B. E. W. sure amounts to something. Work is plenty in this locality but the pay is poor. Men are scarce both linemen and inside men. In one way it is a good thing it is that way as they will have to come across with better money to get men. We have had several appeals for aid from Local Unions, in difficulties and am sorry to state that we have had to file them owing to our treasury being at low ebb at the present time. We have at the present time two of our brothers laid up sick and I hope we will not be censured too strongly for not being able to assist those locals in need of aid. I guess I have said enough for this time. Will try and

see there is a letter in the Worker more often in the future than in the past.

Fraternally,

W. Calhoun.

L. U. NO. 333, PORTLAND, MAINE.

Editor:

As press secretary am sending this communication on behalf of L. U. No. 333 of Portland, Maine, to let the brotherhood know that we are still in existence.

In my last letter I asked you to publish some things that some of the members of the Brotherhood may find strike at home, but it was done in fairmindedness to those of the members of the I. B. E. W., who are always putting their shoulders to the wheel and keeping it moving, while someone else is riding along, as dead weight and dragging their feet, at the same time, kicking him who is working for the interests of all. In writing these articles for publication I am going to endeavor to go a little further than take up space in our Journal for the matters pertaining to L. U. No. 333 and see if I can not convert some other brothers throughout the Brotherhood to become more beneficial to the I. B. E. W., than they have been in the past. I have converted some at home with good results to the local as well as the I. B. E. W. and I have come to look at it in the interest of you, the reader of my articles to see if any statements that I may make, can not be looked at from two sides, and, the fact shows that whatever I may say or claim, has been of benefit to the I. B. E. W. It is time for some one to say so, and if he can convince any logical minded member that I am in the wrong, I shall retire and withdraw my statement, that one member or even one hundred members of the I. B. E. W. can not make for strength of the Brotherhood against capitalism, but the entire membership of organized labor of the world can, and will cause capital to recognize wage earners, as human beings entitled to some of the benefits of God's green earth, even though it be owned by but a few. Trusting that some of my statements may be taken heed of for the benefit of our grand brotherhood and that I may not be cut short in writing. Will close with best wishes to all the I. B. E. W. and that the I. C. shall have accomplished within a short time all that our representatives to the convention think best for our interests and that of the I. B. E. W., first and last.

I remain, Yours fraternally,

Jacob J. Weber,

Press Secretary.

L. U. NO. 387, FREEPORT, ILL.

Editor:

It has been some time, since No. 387 has had a letter in the Worker, and as we boys have nothing else to do at the present, will try and give you the news of our locality.

Well boys we have two unfair jobs in Freeport at present. About three weeks ago the boys with the Light Company were locked out for asking for more pay and better working conditions and they now have a scrub lineman and one groundman doing the stick work.

The Telephone Company broke their agreement with the Brotherhood by laying off union men and keeping non-union men. We tried to adjust matters but could get nowhere. It looked like a frame up to break the union here as it was so rumored that they were going to try and do so. We got our grievance before the city council the same night the boys went out, but that is as far as we got. Everything is at a stand still at the present.

The men scabbing on the job now are as follows: Geo. Crandall, Mgr. of the Telephone Company and at one time carried a card out of No. 134. Robert Miles, plant chief; J. J. Kennedy, wire chief; Ralph Schofield and last a would-be cable splicer from the southern part of the state by the name of M. J. Hill.

These men have all been out taking the strikers jobs and trying to keep the trouble cleared up, and must say that they surely have some job as everything is about to fall into the streets.

There are fifteen (15) card men out on this job also three ground men.

Now Brothers as I have given you nothing but a hard luck story think I better ring off.

Fraternally yours,
Press Secretary,
L. U. 387, Freeport, Ill.

L. U. 391, ARDMORE, OKLA.

Editor:

Well Brothers will let you know a little about what is going on here as it has been some time since we had a letter in the Worker. The draft is taking away a few of our boys here but they are willing to go and do their bit like all good honest union men. Work is pretty good here for inside men. Line work is pretty slow at present. Have all the jobs in town signed up. We have pretty good attendance at our meetings except one or two brothers that never come. They just ride along on the wagon and let the rest do all the pulling. Will try again next month if this gets by the waste basket.

H. L. Bradshaw,
Recording Secretary.

P. S. We have elected a new president to fill the unexpired term of A. G. Jones. His name is J. G. Rive.

L. U. NO. 420, KEOKUK, IOWA.

Editor:

Local No. 420 is still on the map and doing well. One self appointed press secretary blew up, so I had to get back on the job again. We got another increase in pay of 50 cents a day making it \$4.70 per 10 hours. All of the members of 420 are working at present and business looks good for this winter. Will hang it on a pin for this time, on account of being late on getting it to press.

Yours fraternally,

T. F. Roberts, P. S.

L. U. NO. 451, SANTA BARBARA, CAL.

Editor:

Since the list of Locals donating toward the relief of Bro. Chas. M. Cooper was published in the August "Worker", there has been received donations from the following locals: 222, 455, 556, 702 and 706.

Bro. Cooper and the Local wish to thank them for their generous response to his appeal for aid.

Bro. Cooper is still in the Desert country trying to regain his health.

O. L. Peffley, F. S. 451.

L. U. NO. 484, DETROIT, MICH.

Editor:

We are awaiting the return of our delegate from the convention and trust the convention is a success in every way. Work is good with us and every one working. Several members of the four locals are working on the Government Cantonment Camp at Battle Creek, which at this time is still unfinished. The local is gaining in membership each and every month. We held our first open meeting on Thursday, September 27 and we believe it is a good way to get the boys out as our

financial secretary had to have a helper to sharpen pencils to write receipts for back dues. We are going to have an initiation team to see if we can't get away from that 15 minute sleep caused by initiation, as every night we put through several and will try and get a little entertainment at the same time.

Work is holding up pretty well, as all our members are working at the present time. We lost several members via the draft route and from reports believe pulling wire is much the best. We are gaining members all the time and hope to do some good organizing during the winter months. As the whistle blew I will give some anxious scribe a little space this month.

Yours fraternally,
R. C. Martin.

L. U. NO. 595, OAKLAND, CAL.

Editor:

You have all read about the great Iron Trades strike here in September. It involved men affiliated with the Iron Trades Council, of San Francisco, Oakland and vicinity.

The walkout was 25,000 strong. All crafts came out in concerted action at 9 a. m., Monday, Sept. 17. All was in perfect order. Not one case of violence occurred during the two weeks out.

We are back again, but still involved in trouble. A temporary agreement was accepted, which provides for an increase of wages as follows: Up to and including \$4.25 a day, 20 per cent increase; from \$4.26 a day, up to and including \$5 per day, increased 12½ per cent; from \$5.01 per day, up to and including a point where such increase shall not bring the wages above \$6.00 a day, 10 per cent.

This agreement is unsatisfactory and was accepted as a trust and to keep faith with the Government in the present international crisis. To demonstrate the patriotism of the working men, the wage adjustment board is given until November 12, to adjust matters. If not accepted the Iron Trades Council will strike again.

On September 28, the day to return to work, the men were locked out on account of the boilermakers not returning. This placed a lot of blame on the bosses shoulders, they finally agreeing to open their shops next day.

Cheer The Flag.

On the morning of return to work the boys found the gates closed at the Union Iron Works, thousands of ironworkers removed their hats and stood at attention in front of the big works when the flag was raised at 8 o'clock that morning by United States marines on guard duty at the plant. The men cheered and saluted the colors.

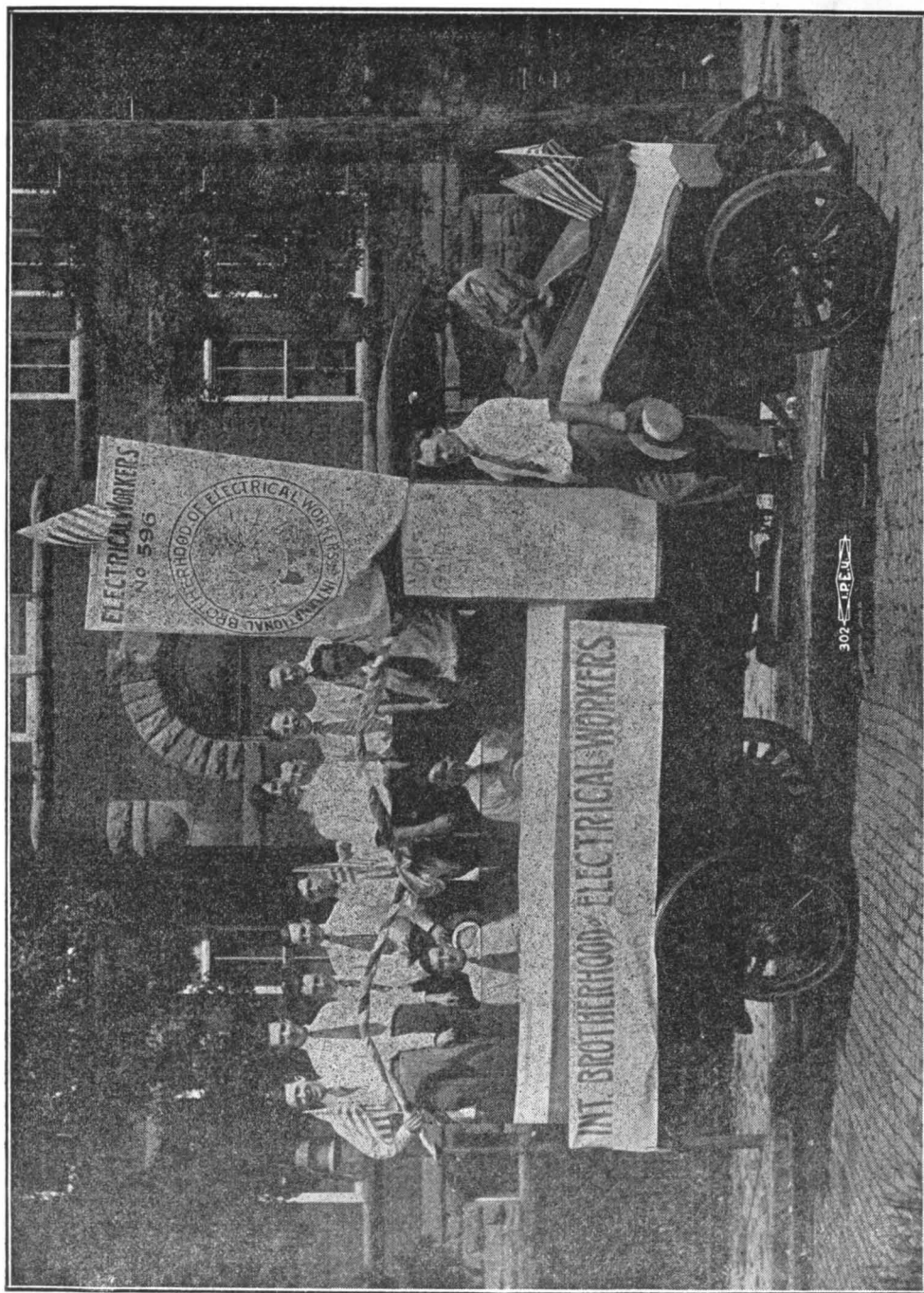
Immediately after the patriotic demonstration the crowd dispersed without trouble of any kind being reported—S. F. Bulletin.

Then they call the workers unpatriotic and traitors when he is willing to stand for his rights to better conditions and living wages. Who were the unpatriotic one's in this fight?

For local 595, no one can say the boys of our organization are unpatriotic or traitors to the cause of Uncle Sam, for we have over fifteen members who have joined the colors both as volunteer service in the Engineer Corps and the draft.

At the annual banquet in October three of the members now in the service were with us. We joined them in a good time and a hearty brotherly soldiers' farewell on their way to France.

In the past I have told you about our efforts to organize the Marine Electrical Workers. I am glad to say at this time that since my efforts in April 1916, we



L. U. NO. 596, FLOAT USED IN LABOR DAY PARADE, CLARKSVURG, W. VA.

now have a 100 per cent organization on San Francisco Bay. Local 378, San Francisco, known as the "Marine Electrical Workers", one of the newest and biggest "baby locals" in the Brotherhood has now become a factor. They were the most involved in the strike. All came out to a man and stuck.

This is the first time the Union Iron Workers have been organized in the electrical department for fifteen years. As soon as the strike was called local 378 got recognition and was called upon to supply three men in each shipyard for fire protection. It was granted by the Iron Trades Council as a patriotic duty.

Those boys in the big shipyard of International fame can now feel free. They do not have to go before the boss as individuals, but can now act collectively as a unit, knowing that they are affiliated with 50,000 other brother electrical workers and with the strongest iron trades council in the world, a body of over 25,000 men, who stand for one and all for one and are going to win one of the best agreements and universal wage scale yet obtained.

For the success of local 378, which now has over 250 members, we can thank the Iron Trades Council a great deal in forcing this organizing campaign to an end. Brother Jack Johnson, now business agent deserves much credit for his untiring efforts to see the local succeed and keep harmony.

During the period of strike, Local 596 extended the marine boys on this side of the bay the use of our hall.

After all this wouldn't it make you mad to think the International could not sanction the strike? I'll say the electrical workers and locals about the bay were entirely in accord with this strike and the marine boys had their support and endorsement.

Most of the members in Locals 378 and 596 are working. Stay away until the trouble in the ship yards is settled. In fact I advise all electrical workers to stay away from the Pacific coast for awhile.

Resolution No. 3 which was endorsed by the 14th Convention on September 20th, was drawn by your humble servant. I believe in it and know we can get these conditions with the help of all. I thank the delegates and the convention for their prompt response and support. You will find this resolution in the second and fourth days proceedings of the 1917 convention. Briefly its intentions and provisions are to establish on ocean and coastwise ships: "Standardized Electrical Equipment," "Licensed Electricians" and "Government Electrical Inspectors," to be provided for by the Department of Commerce, steamboat-inspection Service.

In other words I should like to see our craft in the Marine end put on the same par as with the engineers and other ship's crew. To protect life and safety first.

"Electrical work for Electrical Workers."

Fraternally,

A. E. Danielson,
Press Secretary.

L. U. NO. 596, CLARKSBURG, W. VA.

Editor:

Well Brothers, I expect you will be surprised to hear from Local Union No. 596, as this is my first attempt. We have only been organized since last January, but are running along as though we had been organized for years. We are about 95 per cent organized here and have all shops signed up except one and this one was the first to sign and broke over after one week. He does not employ any men and of course does not hurt us much. We have a wage scale in effect of 56½c per hour, time and one half for over time

and double time for Sundays and holidays, except Labor Day, which day there shall be no work done except emergency. Work here is just fair. Not much building going on. But we manage to keep our brothers working. We seem to be having the same trouble that other locals are having with the Brothers not attending the meetings more regular. We have levied a tax or fine on each member that shall miss two successive meetings without furnishing a reasonable excuse, and probably this will increase our attendance. The Central Trades and Labor Council had a big outing and parade here Labor Day, which we believe was one grand success. I am sending a picture of The Electrical Workers and their float, which I hope you can find room for in the Worker. Names of brothers are from left to right, first row, C. R. Connors, Arthur Hamilton, Martin Allen, John E. Callis, Henry Allen, J. I. Pritchard, E. M. Coll, Thos. Callis, J. A. Calligan. Second row, M. C. Gandy, Daniel Ressler, Clarence Watters and Chas. N. Baltzley. There has been a number of our members answered the call of Uncle Sam, and the Local has made arrangements to take care of all the Brothers that enlist by adopting the following resolution: The Hand of fate is upon us. Our country is at war, for humanity, and it is the duty of every citizen to do his bit. Whereas, Several members of the Electrical Workers, Local Union No. 596 want to do their part toward our country. Be it resolved that the Brotherhood of Electrical Workers, Local Union No. 596, of Clarksburg, W. Va., pay all dues, assessments and insurance to keep all journeymen and apprentices in good standing in the Brotherhood, during the term of service in the army, navy or aviation in defense of our country.

With best wishes, I remain,

John E. Callis,
Press Secretary.

L. U. NO. 612, MARSHALLTOWN, IOWA.

Editor:

The boys are hounding me and wanting to know why they don't see anything from 612 in the Worker so I guess I will write a little telling some of our experiences.

We just organized last Spring and we have sixteen linemen carrying cards now that had not carried cards before. We thought we were doing very well for new beginners but we have received a little check that is puzzling some of us, that are still taking interest, a little just at present. Here it is.

One of the brothers who happened to be out of work heard that they were wanting men to work for the D. M. C. Ry. Co. at Des Moines so he pays up his dues in good shape, one month in advance, and ahead of anyone over there and goes over there to see about it. He gets a job alright and it looks good to him but here comes the sticker. When he goes to work he is told by some of the members of No. 55 that it will cost him a fifty cent piece every day he works if he hasn't his traveler with him. He shows his working card and receipt all paid up and is willing to get the traveler but can't see just why he should pay fifty cents a day until it arrives when he is a member in good standing, so he straps his hooks and belt together and beats it home on the first train. Somehow or other the matter leaked out as things like this do sometimes and all the prospects who were looking very favorable on the I. B. E. W. get their transformers hooked up wrong or something and say "What is the use of belonging to 612 when we have to pay to work in other places? We don't claim to have a fence here and are willing to let any union man in on the do here such

as it is, and we have been unable to give a satisfactory answer. At least we don't seem to have the taking ways with the outsiders that we did.

We are all working here at the present including the aforementioned brother no new men have been taken on lately. But say, the above deal has certainly taken the pep out of some of the boys here. We have had nearly perfect attendance till this happened and last meeting night only four of us turned out so we didn't have any meeting. We don't like to be knockers but what are we going to do to hold the organization together under these conditions. It is information we want, perhaps if we understood all these things and could explain them satisfactorily we could recover our about to be lost pre-stage over the non-union linemen around here. We were trying to get all in the union that it was possible to get and had left the initiation fee at three dollars to get them in. Understand it is not the higher initiation fee they kick on paying, it is the paying tribute when we are in good standing and then have to pay the difference in initiation fee also.

I hate to close leaving nothing in my letter but a kick, but I don't know of any other news that is of interest to the brotherhood, so will close.

A. B. Cook,
Press Secretary.

L. U. No. 612, Marshalltown, Iowa.

a family can get is in a bunk house. In the bunk houses you sleep with 99 others all in one room.

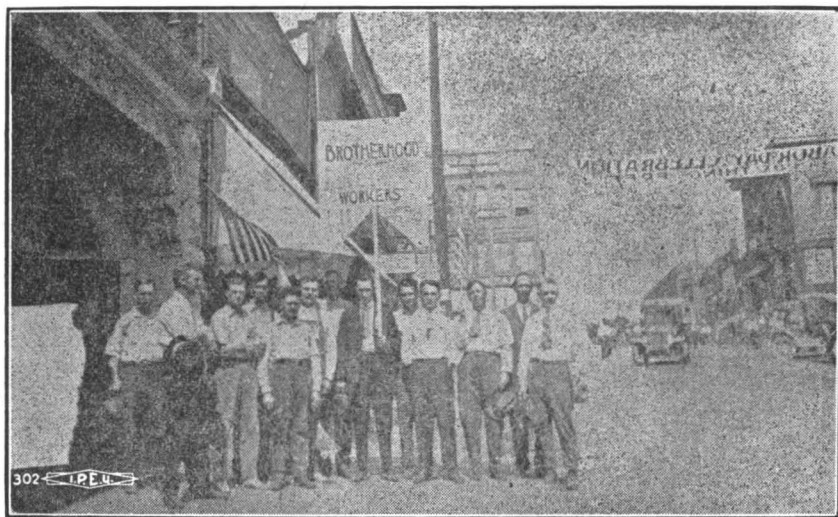
As to No. 2 let me say there is some little trouble on here as yet as to wages and conditions—nothing of such a very serious nature, but the different concerns in and about the Tri-cities are not paying nearly as much as elsewhere. As for example, I have a letter in my possession from a member working at Ft. Riley, Kansas and he says that on Government work they were paying 68¢ cents per hour. Now that is considerable more than they are paying around here, even on the arsenal jobs.

Up to date there has been a number of members floated in here and tried out for a job at different concerns and finally left for parts unknown. We have here with us a sort of a boosters club, as they call themselves that advertise all around the advantages of the Tri-cities and they seem to keep our vicinity pretty well supplied with men.

Now brothers in closing let me say our "Baby" L. U. is as "fat as a little pig" physically, but not quite up to the "market or par value" as yet. And also let me say to those that read this, to read it again and as the old saying goes "see if there is anything written between the lines."

Yours in I. B. E. W.

R. L. U.,
Recording Secretary.



MEMBERS L. U. NO. 698, JEROME, ARIZ.

L. U. NO. 635, DAVENPORT, IA.

Editor:

Well I expect I am in for a good "panin" for not having a line or two in the Worker for September. My only excuse to the boys is that I have been trying for some time past to size up the conditions and etc., as they really are and let the boys know how things stand before it is too late.

For the first thing let me say that the housing and rooming situation here is very acute, in fact it is actually deplorable. Anyone coming here will find it impossible to rent a house or even a "shack" to live in. Every day there are men leaving here that can not find anywhere to house their families. About the best a man without

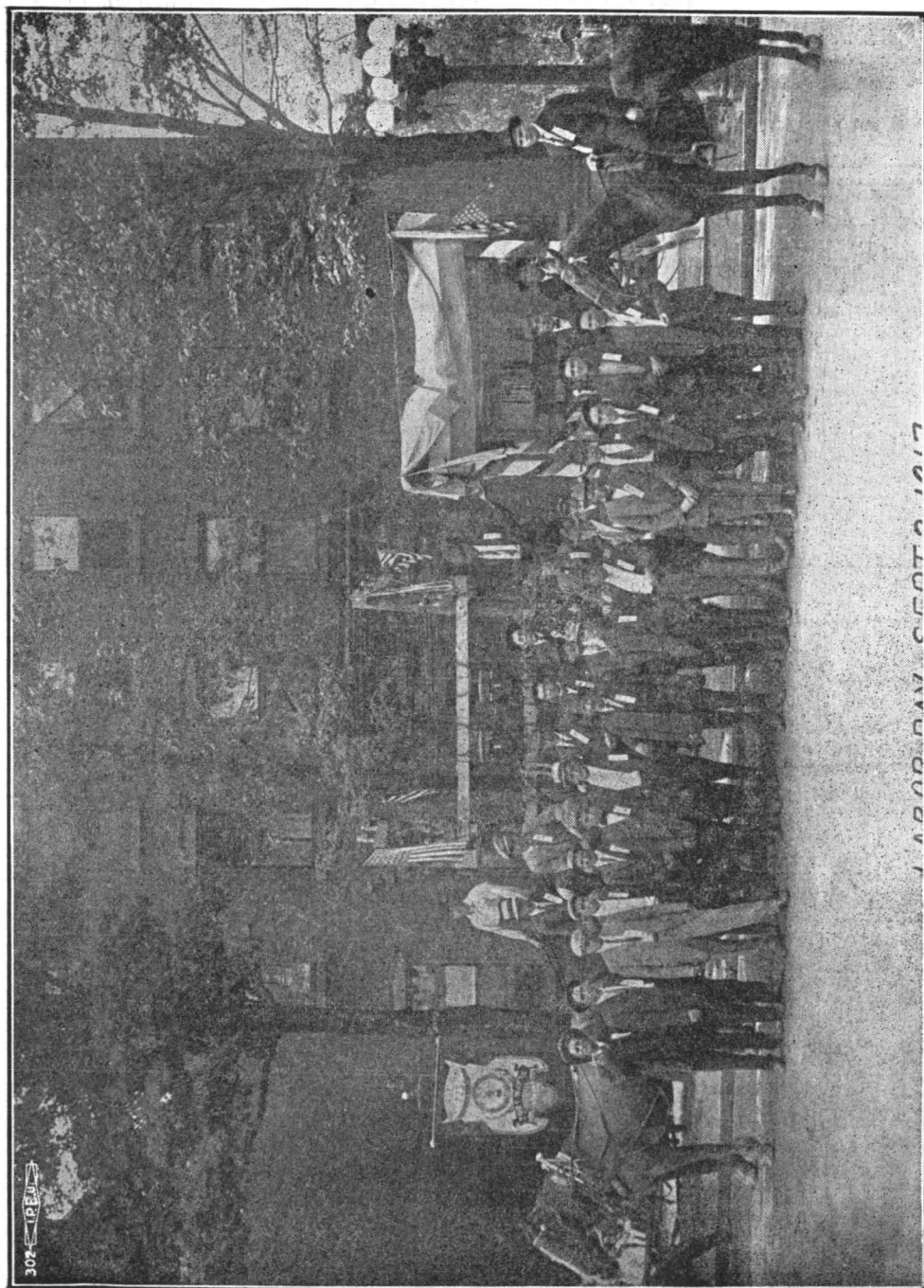
L. U. NO. 636, EAU CLAIRE, WIS.

Editor:

On return to Eau Claire this afternoon, I find that our dues for local 636 had not been sent to you.

Our local is in bad shape as far as members are concerned, but we are strong financially.

Our membership would have grown had better support been given by the other locals in Eau Claire. We have one closed shop and two of the contractors are still trying to buck us. But we look for better success within a few months. We are not quite satisfied with the showing we are making, but we will hold together and stick it out the best we can. Hoping that



LABOR DAY, SEPT. 3, 1917, L. U. NO. 723, FORT WAYNE, IND.

this is satisfactory and wishing the other locals success, I am

Fraternally yours,

Paul J. Urtubees,
Press Secretary.

L. U. No. 636, Eau Claire, Wis.

L. U. NO. 691, MIAMI, OKLA.

Editor:

We had with us last month Brother Goble, District Organizer, who helped us out of some bad holes and we thank him for the good that he has done in our local, and as this is a good field to work in will be glad to have him with us again.

In our last letter we spoke of all contractors signing our agreement, but one and thought he would sign up soon. Now listen a card man, out of Fort Smith, Ark., not a union man as we supposed and he has wilfully, knowingly and maliciously refused to sign our contract, but here is what he has done. Taken contracts and doing work now in our city that has been placed on the unfair list, same jobs have been turned down by all other contractors and this man's name is no other than one W. H. Hurley, who still shows his card from Fort Smith and claims to every one that he is still a good union man. What do you think of that kind of man? Some day he may call one some of you Brothers, and do not forget the name and place as there is now a \$50 fine on him and as there is no other rat shop here, he figures on living forever on rat business.

Local 691 is doing fine. Every man working and all drawing overtime, and everything looks good for the winter months.

The contractors are not card men in this city as the one referred to above, but are union men at least and give us all the help they can, which is appreciated from each and every brother and as union men we thank them and will endeavor to give them our support. Would be glad to hear from some of the boys around Tulsa. They have a good town but we failed to see any letters from them. An old timer like Ramond Cease could drop a line. At least he could get some of his lady friends to help him.

Well boys we are too small yet to think of going to the convention, but will give out support to those that do go, and hope to see good results after it is over. We believe that a knot can be tied in the Electrical world at this meeting that no one can undo. Each branch of the trade brought closer together and all affiliate together. Be as one big brother. We only want our rights and no more. Pull the same wire boys at the convention and think of your smaller brothers that are not with you, who is anxiously waiting the returns.

From the heart of the Local 691

J. L. Seay, P. S.

L. U. NO. 698, JEROME, ARIZ.

Editor:

As I have had the press secretary's job wished on to me, I will do my best to put 698 on the map. We were organized in June and have thirty five members on the roll. All working. I don't mean to leave the impression that times are good here. It keeps some of us pretty busy holding our jobs. So at present I wouldn't advise any of the brothers to journey to Jerome looking for work. We had quite a turn out Labor Day. I am enclosing a

snap shot of a few of the members we rounded up after the parade. Brother Schnauffer and his Cactus Fed Broad-baks won the \$100 in the tug-of-war. But as this is a very dry place by nature as well as otherwise, we couldn't do the customary thing. So satisfied ourselves with softer ones. Hoping this goes through without injury to the press, I am

Fraternally,

M. R. Martin, P. S.

L. U. NO. 31A, WINNIPEG, MAN. CAN.

Editor:

The Telephone Operators of Winnipeg organized on January 31, 1917, and drew up a schedule, which was duly presented to the telephone commission, to come in to force on May 1, the commission turned it down, and posted a counter-proposition in the exchanges, thinking, no doubt, that the girls would abandon their own schedule, but we called a strike, on May 1st, which lasted three hours, when the Provincial Government took the matter up. We agreed to their proposition, that we go back to work until June 1st in the interval, they called together a board of investigation, on whose decision, we were not obliged to settle. The result was, they accept our schedule, with the alteration of a few minor articles entirely.

When we struck, every operator in the service in the city, came out, also supervisors, I may say, without exaggeration, that we had the most successful and thorough strike ever pulled off in Canada. We have a membership of about 650. Two of our number were elected to go to Atlantic City to the I. B. E. W. convention. We have also elected a member to the office of Business-agent, who gives her entire time to the work of the Local.

Local 31A takes in the operators in the Province, which are also 100 per cent organized, Fraternally yours,

Janet Castle, P. S.

FROM THE BOYS AT CAMP DIX.

Editor:

Just a line from the boys working at Camp Dix. This job represents ten different locals. The number are 13, 14, 15, 21, 29, 52, 210, 299, 313 and 598. These are all that I know and the biggest locals represented here is local No. 21 of Philadelphia. That is because they are out on strike from the Philadelphia Electric Company strike which is still on. The only thing they can get is a bunch of scabs or a bunch of niggers. Local 21 has put them in an awful debt up until now. We are out since the 18th day of July and all feel well satisfied at present, as far as I know, I do and I think when the cold weather sets in we won't have any nigger linemen in Philadelphia. That will make them come to terms but as it stands now we will have a position here at this camp up until some time in February or March, as far as we know at the present time.

And this job is strictly a union job and no one else need apply and we hope to hear that the rest of the cantonments are the same.

This is the first letter I ever wrote to the Worker.

Wishing all locals a success and luck.

Harry Wereb or (Rube.)

Care Irwin & Leighton Military Branch.
Acting Secretary for No. 21 at Camp Dix.

LOCAL UNION DIRECTORY

Mixed. Lineman. Insidem.		(t) Trimmers. (c) Craneman. (sis.) Cable Splicers.	(s) Shopmen. (f) Fixture Hangers. (t.o.) Telephone.		(r.r.) Railroad Men. (b.o.) Bridge Operators. (p.o.) Picture Operators.		
U.	Location.	Rec. Sec'y.	Address.	Fin. Sec'y.	Address.	Meeting Place.	Meeting Date.
(1)1	St. Louis, Mo.	E. O. Suhm	5236 Vermont Ave.	Hubert Morrison	5853 Garfield Ave.	2661 Locust St.	Every Tuesday.
(1)2	St. Louis, Mo.	E. L. Kendall	3625A Rebecca St.	Dan Knoll	1825 Sidney St.	3000 Easton Ave.	Every Friday.
(1)4	New Orleans, La.	D. W. Mason	332 Nashville Ave.	G. Lorricks	2362 Laurel St.	Macabees Hall.	2d Wed.
(1)5	Pittsburg, Pa.	M. P. Gerdan	607 Webster Ave.	S. D. Young	209 McGeagh Bldg.	McGeagh Bldg.	Every Friday.
(1)6	San Francisco	A. Elken	177 Germania St.	P. A. Clifford	177 Germania St.	Bldg. Tr'des Temp.	Every Wed.
(1)7	Springfield, Mass.	Erbert Ayers	103 Spring St.	J. A. Beauchemin	21 Sanford St.	Moose Hall, 19 Lyman St.	Every Monday.
(1)8	Toledo, O.	H. McGinnis	227 E. Bancroft St.	R. W. Fisher	1205 O'linworth Av.	Kapp's Hall.	Every Monday.
(1)9	Chicago, Ill.	Harry Slater	5 S. Sangamon St.	L. M. Fee	5 S. Sangamon St.	5 S. Sangamon St.	Every Friday.
m)10	Butler, Pa.	T. M. Porter	134½ E. Jeff St.	T. J. Shaffer	Box 533	Unit'd Lab'r Coun.	Every Friday.
m)12	Pueblo, Colo.	W. L. Nelson	Box 70	F. C. Burford	Box 70	3d & Santa Fe	Every Friday.
m)13	Dover, N. J.	Geo. Hathaway	88 Oak St.	Horace Stark	155 Richard Ave.	Labor Temple	2d & 4th Fri.
(1)14	Pittsburg, Pa.	E. L. Huey	805 Sandusky Ave. N. S.	G. A. Stockdale	Box 221, Dravosburg, Pa.	2d Floor, 607 Webster Av.	Friday.
(1)15	Jersey City, N. J.	J. W. Springer	1401 E. Maryland	E. A. Richter	258 Barrow St.	642 Newark Ave.	1st & 3rd Mon.
(1)16	Evansville, Ind.	Wm. Frost	333 Cass Ave.	J. G. Brill	604 4th Ave.	306 Up 1st.	Every Monday.
(1)17	Detroit, Mich.	E. L. Stevens	1517 W. 6th St.	John E. Packard	333 Cass Ave.	Bricklayers' Hall.	Every Friday.
(1)18	Oklahoma City, Okla.	John McDermott	252 60th St., Brooklyn, N. Y.	B. B. Butterworth	1805 W. 2d St.	127½ Grand Ave.	1st & 3rd Mon.
(1)20	New York, N. Y.	J. M. Lindsay	Westville, N. J.	Joseph E. Healey	114 Cypress Ave.	313 E. 71st St.	Every Monday.
(1)21	Philadelphia, Pa.	L. A. Harmon	3711 N. 19th St.	W. T. McKinney	Westville, N. J.	NW. cor. 10th & Buttonwood Sts.	Friday.
(1)22	Omaha, Nebr.	Harry Crawford	Box 163	G. Lawson	137 Cedar St.	147 Farnam St.	Every Tuesday.
(1)23	St. Paul, Minn.	Harry Ridge	810 9th St., S.	I. I. Woodward	Box 163	57 N. 7th St.	Every Thurs.
(1)24	Minnie & St. Paul	Wm. Caseldine	508 S. 3d St.	Harry Ridge	810 9th Ave., S.	Columbia Hall, Minneap.	2d & 4th Wed.
(1)25	Terre Haute, Ind.	Edw. Nothnagel	110 R St., NE	J. D. Akers	242 S. 8th St.	624½ Main St.	1st & 3d Wed.
(1)26	Washington, D. C.	Harry Brooks	306 Cole Ave., Rasburg, Md.	B. A. O'Leary	1102 L St., NW	SW. cor 12th & Pa. Ave., NW	Every Thurs.
(1)27	Baltimore, Md.	J. A. Huf	1812 Edmondson Ave.	J. A. Connelly	1728 N. Bond St.	307 E. Fayette	2d & 4th Mon.
(1)28	Baltimore, Md.	H. J. Manley	115 Chancery Ave.	Geo. H. Neukomm	1739 Homestead	502 E. Fayette	2d & 4th Thurs.
m)29	renton, N. J.	W. C. McEnteer	133 E. 10th St.	Harry Lewis	115 Chancery St.	Broad & Front	1st & 3d Thurs.
m)30	Erie, Pa.	Wm. McFadden	54th Ave. E & Tioga	Mike Brennan	137 E. 4th St.	C. L. U. Hall	1st & 3d Fri.
m)31	Duluth, Minn.	E. J. Wilson	444 N. West St.	Wm. Murnian	509 E. 3d St.	416 W. Superior St.	Monday.
m)32	Lima, Ohio	Chester H. Smith	1701 E. Washington	Wm. Koch	806 E. High St.	219½ S. Main St.	2d & 4th Tues.
(1)34	Peoria, Ill.	W. H. Burns	207 Clark Ave.	R. J. Dobbs	705½ Cleveland av.	19 E. Washington	Every Thurs.
m)35	Hartford, Conn.	Leonard J. Wylie	25 Asylum St.	Frank Roche	114 Greenleaf St.	Labor Temple	Every Friday.
m)36	Sacramento, Cal.	R. Parkinson	Labor Temple	Richard Turpin	25 Asylum St.	25 Asylum St.	Every Friday.
(1)37	New Britain, Conn.	H. L. Carpenter	237 Elm St.	J. Noonan	1120 20th St.	Labor Temple	Every Thurs.
(1)38	Cleveland, Ohio	J. W. Hart	2182 E. 9th St. Browning Bldg.	L. Griffith	Kensington, Conn.	114 Arch St.	1st & 3d Thurs.
39	Cleveland, Ohio	J. M. Smith	1802 Wells St.	J. A. Groves	2182 E. 9th St. Browning Bldg.	2182 E. 9th St.	Every Tuesday.
m)40	St Joseph, Mo.	E. C. Fink	19 Josie Place.	Herman Derolph	2182 E. 9th St.	2182 E. 9th St., 3d Floor.	Every Thurs.
(1)41	Buffalo, N. Y.	W. T. Gardiner	1025 Mohawk St.	C. B. Ellis	2115 S. 22d St.	270 Broadway	2d & 4th Tues.
(1)42	Utica, N. Y.	J. Keating	545 S. Wilbur Ave.	G. C. King	732 Glenwood Ave.	Labor Temple	1st & 3d Fri.
(1)43	Syracuse, N. Y.	F. Miller	376 Garson Ave.	Al Lehman	46 Main St.	Labor Temple	Every Friday.
m)44	Rochester, N. Y.	H. Ivan Garlock	150 Goulding Ave.	J. Doster	2035 Cortlandt Ave.	Bartenders' Hall.	1st & 3d Fri.
(1)45	Buffalo, N. Y.	Wm. Elberts	Rm. 319 Lab. Temp.	J. Conlon	52 Pansy St.	Painters' Hall	1st & 3d Thurs.
(1)46	Seattle, Wash.	E. Follis	307 W. 14th St.	W. R. McLean	222 Floss Ave.	Wash. Goodell Sts.	Every Tuesday.
m)47	Sioux City, Ia.	J. C. Caine	311 St'k Ex. Bldg.	L. Bertsch	Rm. 319 Lab. Temp.	Labor Temple	1st & 3d Tues.
(1)48	Portland, Ore.	Chas. McCarter	1302 Wells St.	C. Story	813 N. 6th St.	Labor Temple	1st & 3d Fri.
(1)49	Chicago, Ill.	Wm. Neil	109 N. Jackson	Fred L. Bourne	3422 53d St., S. E.	Labor Temple	1st Fri. 8 p. m.
50	Belleville, Ill.	F. Burrell	109 Groveland St.	Conrad Cornell	3543 N. Nagle Ave.	Room 201.	3d Fri. 2 p. m.
(1)51	Peoria, Ill.	E. M. Taylor	69 Rose Terrace	E. Frederick	1105 Briston St.	Byers Hall	1st & 3d Wed.
m)52	Newark, N. J.	Earl Webb	1437 23d St.	Fred V. Klooz	109 Kettelle St.	Carpenters' Hall	1st & 3d. Mon.
m)54	Columbus, O.	C. R. Henry	917 E. 20th St.	E. Schroeder	109 Kettelle St.	262 Washington St.	Every Wed.
(1)55	Des Moines, Ia.	E. H. Brooks	P. O. Box 402	D. C. Hagerty	1100 Summit St.	21½ N. Front St.	2d & 4th Tues.
(1)56	Erie, Pa.	H. E. Watson	333 Cass Ave.	E. A. Bennett	1110 Woodlawn Ave.	Trades & Labor Assembly Hall.	Friday.
(1)57	Salt Lake City	V. H. Farbert	Rm. 8, Lab. Temp.	F. W. Rathbun	909 E. 20th St.	1220th & State	2d & 4th Wed.
(1)58	Detroit, Mich.	F. J. Vollmer	824 W. Poplar St.	W. S. Irvine	P. O. Box 402	Labor Temple	Every Tuesday.
(1)59	Dallas, Tex.	W. L. Peasley	540 Maple Ave.	F. K. Harris	333 Cass Ave.	333 Cass Ave.	Tuesday.
(1)60	San Antonio, Tex.	J. W. Haynes	618 Oak Hill Ave.	P. L. Failor	Rm. 8 Lab. Temp.	Labor Temple	Every Monday.
(1)61	Los Angeles, Cal.	F. M. Scheaffer	6 W. Wayne St.	J. W. Null	1022 E. Houston St.	Trade Council Hall	Every Wed.
m)62	Youngstown, O.	Fred Feigert	P. O. Box 195	H. Warner	540 Maple Ave.	Labor Temple	Thursday.
m)63	Warren, Pa.	W. C. Medhurst	Box 846	A. A. Keller	Box 173	223 W. Federal St.	2d & 4th Mon.
(1)64	Youngstown, O.	E. K. Ridenour	Box 454	F. A. Feigert	P. O. Box 195	Bartenders' Hall	1st & 3d. Mon.
(1)65	Butte, Mont.	W. E. Hertzell	722 Jackson St.	C. S. Littlefield	Box 846	Moose Hall	1st & 3d Fri.
m)66	Houston, Tex.	D. K. Miller	43 Elati St.	W. P. Boger	702 Walker Ave.	Carpenter's Hall.	Every Friday.
m)67	Quincy, Ill.	C. A. Bell	P. O. Box 827	E. O. Smith	633½ Hamp St.	1209½ Preston Ave.	Every Wed., 8:00 p. m.
(1)68	Denver, Colo.	W. E. Hertzell	722 Jackson St.	E. S. Hawkins	26 S. Sherman St.	Quincy Lbr. T'mple	2d & 4th Mon.
(1)69	Dallas, Tex.	C. A. Bell	P. O. Box 827	J. P. Conner	P. O. Box 827	1517 Lawrence St.	Every Monday.
						Labor Temple	Every Tuesday.

L.U.	Location.	Rec. Sec'y.	Address.	Fin. Sec'y.	Address.	Meeting Place.	Meeting Date
(m)70	Cripple Cr'k, Colo.	A. A. Hammett.	Box 282.	A. A. Hammett.	Box 282.	116 S. 2d St.	2d & 4th Thurs
(i)71	Columbus, O.	E. E. Evans.	667 Parsons Ave.	O. C. Gilbert.	24 E. Main St.	1774 N. High St.	Every Thurs.
(i)72	Waco, Tex.	F. B. Womack.	Box 814.	Claud Doyle.	P. O. Box 814.	Labor Hall.	2d & 4th Mon.
(i)73	Spokane, Wash.	C. J. Scoville.	515 N. Gordon St.	B. H. Metzger.	1916 N. 11th Ave.	Carpenters' Hall.	Every Monday.
(rr)74	Danville, Ill.	F. L. West.	1118 N. Bowman Ave.	H. Sager.	15 Illinois Ave.	15 Illinois Ave.	1st & 3d Thurs
(i)75	Gr'd Rapids, Mich.	J. Rosendale.	1440 Turner Ave.	R. E. Smith.	Box 275.	Carpenters' Hall.	Every Friday.
(i)76	Tacoma, Wash.	H. S. Keigley.	5802 Park Ave.	Otto W. Nelson.	1210 S. 19th St.	220 Realty Bldg.	Every Friday.
(i)77	Seattle, Wash.	Geo. C. Cooper.	Labor Temple.	W. F. DeLaney.	Labor Temple.	Labor Temple.	Every Thurs.
(cs)78	Cleveland, O.	Walt. Montague.	9134 Wade Park Av.	Leo A. Conners.	1178 E. 84th St.	2182 E. 9th St.	1st & 4th Tues
(i)79	Syracuse, N. Y.	Homer Sessions.	120 Oxford St.	P. H. Wilson.	127 Townsend St.	Myers Hall.	Fridays.
(m)80	Norfolk, Va.	H. J. Kraemer.	413 Madison St.	T. J. Gates.	P. O. Box 232, Norfolk, Va.	Church St., I. O. O. F. Hall.	Wednesdays.
(m)81	Scranton, Pa.	S. Willis.	619 Prescott Ave.	John Campbell.	627 Hickory St.	123 Penn. Ave.	1st & 3d Mon.
(i)82	Dayton, O.	J. W. Howell.	122 Stillwater Ave.	A. J. Broadrup.	21 Tecumseh St.	Moose Hall.	Every Monday.
(i)83	Los Angeles, Cal.	W. E. Walcott.	612 N. 43d St.	C. B. Greenwood.	233 E. 63rd St.	Labor Temple.	Every Wed.
(m)84	Atlanta, Ga.	F. R. Martin.	60 Neal St.	Wm. Pollard.	Box 669.	Labor Temple.	Every Thurs.
(s)85	Schenectady, N. Y.	Geo. Gormley.	708 Crane St.	C. V. Platto.	32 Front St.	246 State.	3d Friday.
86	Rochester, N. Y.	Geo. Ballinger.	44 Wilmington St.	A. L. Knauf.	34 Wilmington St.	82 E. Main.	Ev. other Wed.
(m)88	Chillicothe, O.	Edw. Jackson.	196 E. 4th St.	A. Wachenschwanz.	343 N. High St.	Union W'km'n Hall	2d Tues & 4th Thursdays.
(m)89	Crawf'dsville, Ind.	Frank Priest.	R. R. No. 10.	Frank Priest.	Route No. 10.	Rm. 13, K. of P. Bldg., Market & Washington.	2d & 4th Thurs
(i)90	New Haven, Conn.	Wm. Dedrick.	215 Meadow St.	B. Weymer.	215 Meadow St.	215 Meadow St.	1st & 3d Tues.
(m)91	Brownwood, Tex.	I. E. McKinney.	3922 18th St.	Geo. W. McLean.	720 Milton Ave.	112 Valencia St.	2d & 4th Mon.
(to)92	San Francisco, Cal.	Frank J. Kane.	3922 18th St.	H. Becker.	112 Valencia St.	112 Valencia St.	Every Wed.
(m)93	E. Liverpool, O.	W. J. Hayes.	413 Monroe St.	D. W. Green.	1575 Globe St.	Fowler Bldg.	1st & 3d Fri.
(m)94	Kewanee, Ill.	O. G. Smith.	852 Pine St.	Archie Maze.	316 N. Main St.	Trades Assembly.	1st & 3d Fri.
(m)95	Joplin, Mo.	Albert Vella.	Elec. Service Co., 15th St.	Jas. Baremore.	1729 Kentucky Ave.	116 W. 6th St.	Every Friday.
(m)96	Worcester, Mass.	Paul A. Hoey.	419 Main St.	C. C. McKinstry.	419 Main St.	419 Main St.	Every Mon.
(i)97	Waco, Tex.	L. O. Miles.	1901 Franklin St.	Elmer Robidean.	2106 S. 7th St.	1044 S. 4th St.	Every Friday.
(i)98	Philadelphia, Pa.	J. S. Meade.	123 N. 15th St.	Herbert Borer.	123 N. 15th St.	Broad & Cherry.	Every Tues.
(i)99	Providence, R. I.	Chas. F. Smith.	72 Weybosset St.	Geo. H. Thurston.	1074 Eddy St.	72 Weybosset.	Every Mon.
(i)100	Fresno, Cal.	J. H. Robinson.	1139 Eye St.	C. R. Russell.	212 Valeria St.	1139 Eye St.	Every Tues.
(i)101	Cincinnati, O.	Ben Lloyd.	133 Lyon St.	A. J. Stayton.	1629 Herbert Ave.	1313 Vine St.	2d & 4th Wed.
(i)102	Patterson, N. J.	Robt. Sigler.	154 Straight St.	Alvin Bennett.	Route No. 2, Ridgewood, N. J.	359 VanHouten St.	Every Thurs.
(i)103	Boston, Mass.	Frank R. Sheehan.	987 Washington St.	F. L. Kelley.	95 Beacon St., Hyde Park, Mass.	987 Washington St.	Every Wed.
(m)104	Boston, Mass.	Angus J. MacNeil.	995 Washington St.	J. H. Mahoney.	45 Cedar St., Cambridge, Mass.	995 Washington St.	Every Wed.
(i)105	Hamilton, Ont., O.	A. Pace.	66 Central Ave.	G. S. Farley.	93 Gore St.	22½ John St., S.	2d & 4th Wed.
(m)106	Jamestown, N. Y.	S. C. Keller.	55 E. Cowden Pl.		9 W. 3d St.	329 Monroe Ave.	Alternate Mon.
(i)107	Gr'd Rapids, Mich.	B. L. Cooper.	307 Division Av. N.	H. T. Rathburn.	112 Collax St. N.E.		Thursdays.
108	Tampa, Fla.	Manuel Gonzaley.	P. O. Box 662.	R. L. Carpenter.	P. O. Box 662.	1012½ Franklin.	1st & 3d Thurs.
(i)109	Rock Island, Ill.	J. C. Lyons.	1327 44th Ave.	E. R. French.	814 24th St.	21st and 3d Ave.	2d & 4th Mon.
(i)110	St. Paul, Minn.	E. W. Linner.	325 Grove St.	R. W. Holmes.	561 St. Anthony Av.	Trades Union Hall.	1st & 3d Thurs.
(i)111	Denver, Colo.	F. E. Haefliger.	2012 Humboldt St.	W. L. Hughes.	Box 11061D.	1517 Lawrence St.	Every Thurs.
(i)112	Louisville, Ky.	Henry Reed.	728 E. Chestnut St., Jeffersonville, Ind.	Harry Henderson.	1019 S. 7th St.	Moose Hall.	8:00 p. m. Every Wed.
(m)113	olo. Spgs., Colo.	J. E. Hastings.	728 N. Spruce St.	Tom Mackey.	521 N. Royer St.	A. O. H. Hall.	Every Tues.
(m)114	Port Dodge, Ia.	Jas. Eychaner.	716 N. 16th St.	W. Sanford.	716 6th Ave. N.	I. O. O. F. Hall.	2d & 4th Thurs.
(i)115	Pt. Worth, Tex.	Chas. Shryoc.	1101 Houston St.	Jim Davis.	Shotts Elec. Co.	Labor Temple.	Every Wed.
(m)117	Elgin, Ill.	J. Costello.	723 Cedar Ave.	G. W. Hilton.	227 Washburn St.	163 Chicago St.	3d Thurs.
(i)118	Dayton, O.	Joe Young.	49 Potomac.	S. Caper.	12 Woodrow Terr.	12 Woodrow Terr.	2d & 4th Tues.
(m)119	Temple, Tex.	Jas. R. O'Neal.	102 S. 8th St.	H. S. Newland.	506 S. 11th.	Rm. 203 Ruda Bldg.	1st & 3d Fri.
(m)120	London, Ont., O.	W. Costello.		E. Ingles.	85 Clarence St.	Richmond St.	3d Tuesday.
(m)123	Great Falls, Mont.	Lee Cunningham.	Box 385.	J. Frank Keirnan.	Box 385.	I. O. O. F. Hall.	Every Tuesday.
(m)122	Wilmington, N. O.	B. F. Kelly.	408 Queen St.	W. L. Wood.	815 Princess St.	Bonety Hall.	1st & 3d Tues.
(i)124	Kansas City, Mo.	A. E. Smiley.	3225 Garfield Ave.	Fred H. Goldsmith.	2505 Tracey Ave.	Labor Temple.	Every Tuesday.
(i)126	Portland, Oreg.	Geo. Kleindienst.	Box 644.	C. D. Phillips.	Box 644.	162½ 2d St.	Every Monday.
127	Kenosha, Wis.	F. J. Forbes.	No. 1. Park St.	F. J. Forbes.	No. 1. Park St.	Howland & Elizabeth.	2d & 4th Wed.
(m)128	Portland, Me.	W. Francis Baker.	1002 Brighton Ave.	Earl G. Bean.	174 Stanford St., S.	509 Pythian Temple.	1st & 3d Mon.
(i)129	Elyria, O.	Cus Pallas.	218 Bath St.	Harry Millard.	Brown Hotel.	Middle St.	1st & 3d Tues.
(i)130	New Orleans, La.	D. J. Byrne.	Box 742.	H. E. Oswald.	523 Davis St.	Trades-Labor Hall.	2d & 4th Thurs.
(m)131	Kalamazoo, Mich.	R. W. Hughes.	444 W. Water St.	Harry E. Oswald.	523 Davis St.	Trades-Labor Hall.	2d & 4th Thurs.
(m)132	Glifton, Ariz.	E. E. Stultz.	Box 1101.	Geo. W. Harriman.	Box 1101, Clifton, Ariz.	Eagles' Hall.	2d & 4th Wed.
(i)133	Fiddletown, N. Y.	Ed. Burhans.	11 Watkins Ave.	R. M. Hunt.	24 Knapp Ave.	Gunther Bldg.	1st Thurs.
(i)134	Chicago, Ill.	Edward J. Evans.	500 S. State St.	Geo. O. Johnson.	500 S. State St.	500 S. State St.	Every Thurs.
(m)135	A. Crosse, Wis.	Robt. Draeger.	405 N. 4th St.	Theo. Strauss.	526 N. 9th St.	427 Jay St.	1st & 3d Tues.
(i)136	Birmingham, Ala.	Ben H. Mitchell.	Box 205.	J. L. Ellis.	Box 205.	2009½ 3d Ave.	Every Friday.
(i)137	Albany, N. Y.	James S. Ray.	40 Delaware St.	Frank Rafferty.	239 Madison Ave.	S. Pearl St.	4th Monday.
(m)138	batman, Ariz.	R. L. Shipp.	Box 315.	C. A. Nott.	Box 315.	Union Hall.	2d & 4th Wed.
(m)139	Elmira, N. Y.	R. A. Connell.	Tuttle Ave.	M. M. Pollak.	650 E. Church St.	202 S. Water St.	2d & 4th Wed.
(i)140	Schenectady, N. Y.	John Sommers.	233 Moyston St.	F. A. Hartrick.	537 Brandywine Ave.	246 State St.	1st & 3d Wed.
(i)141	Wheeling, W. Va.	E. H. Hagan.	648 Market St.	S. S. Gould.	228 29th St.	Odd Fellows Hall.	Thursday.
(i)142	Boston, Mass.	Chas. F. Carroll.	160 Milton St., Dorchester, Mass.	John A. Donoghue.	987 Washington St.	987 Washington St.	Every Fri.

L.U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date.
143	Harrisburg, Pa.	U. S. Grant.	1209 Chestnut St.	Ira S. Davis.	101 Evergreen St.	221 Market St.	2d & 4th Mon.
(to) 144	New Bedford, Mass.	F. L. Holt.	979 Pleasant St.	Wm. B. Carr.	Box 380.	303 Hutchins'n b'g.	1st Wed.
(i) 146	Decatur, Ill.	C. J. Winter.	1225 N. Broadway.	R. E. Heise.	630 W. Green St.	Powers Bldg., Rm. 444.	Every Friday.
(to) 147	Chicago, Ill.	Chas. Reynolds.	175 W. Wash. St.	Jas. McAndrews.	175 W. Wash. St.	159 N. State St.	1st & 3d Tues.
(rr) 148	Washington, D. C.	T. S. Newkirk.	40 R St., N. W.	J. A. Cronin.	920 9th St., N. E.	Northeast Temple.	2d & 4th Thurs.
(i) 149	Aurora, Ill.	F. R. McDonald.	203 Cedar St.	John Smith.	157 Illinois St.	13 S. River St.	1st & 3d Fri.
(m) 150	Waukegan, Ill.	F. L. Wilcox.	19 Deerpath Ave. Lake Forest, Ill.	Ernest C. Jones.	2810 Elizabeth Ave., Zion City, Ill.	221 Wash. St., Waukegan, Ill.	1st & 3d Wed.
(i) 151	San Francisco, Cal.	B. E. Hayland.	887 Fulton St.	W. F. Coyle.	1726 LaSalle Ave.	112 Valencia St.	Every Thurs.
152	Deer Lodge, Mont.	W. I. Uzzader.	Box 220.	R. N. Sanderson.	Box 220.	I. O. O. F. Hall.	Every Friday.
(i) 153	South Bend, Ind.	Ray Robbins.	1345 E. Dubail Ave.	E. W. Davis.	816 Lawndale Ave.	C. L. U. Hall.	2d & 4th Thurs.
(i) 154	Davenport, Ia.	Wm. Thompson.	621 E. 12th St.	O. B. King.	428 Brady St.	428 Brady St.	2d & 4th Wed.
(m) 155	Oklahoma City, Okla.	Elmer Davis.	P. O. Box 214.	R. R. Million.	109 W. Noble St.	Musicians, 128 1/2 W. Grand.	Friday.
(i) 156	Ft. Worth, Texas.	H. E. Jacks.	912 Richmond.	J. W. Dawson.	Box 251.	Labor Temple.	1st & 3d Mon.
(m) 157	Green Bay, Wis.	Fred Decker.	802 Bond.	A. L. Petersen.	826 Howard.	Pine St.	2d & 4th Fri.
159	Madison, Wis.	B. P. Tracy.	711 E. Johnson St.	Wm. Broome.	20 N. Patterson St.	27 N. Pickney St.	2d & 4th Thurs.
160	Springfield, Mass.	Chas. J. Dion.	854 Main St.	Jas. Macdougall.	259 Maple Ave., Holyoke, Mass.	Moose Hall.	2d & 4th Tues.
(m) 161	Greenfield, Mass.	Geo. A. Germon.	6 Ft. Sq. West.	Jno. R. Walden.	63 Davis St.	Commonwealth H'l	1st & 3d Thurs.
(rr) 162	Kansas City, Mo.	E. O'Connor.	36 S. Baltimore. Kansas City, Kan.	W. J. Dawson.	2114 E. 38th St.	Rm. 308-813 Wal- nut St.	1st & 3d Tues.
(i) 163	Wilkes-Barre, Pa.	Wm. Pratt.	121 Lincoln St.	Anthony Lynch.	29 N. Meade St.	Public Square.	Every Thurs.
(i) 164	Jersey City, N. J.	L. Nolte.	69 Bleeker St., Jersey City Heights, Ill.	Arthur Wichmann.	176 Hopkins Ave.	642 Newark Ave.	Every Friday.
(c) 165	Superior, Wis.	Joseph Hennessy.	1211 11th st.	J. H. Underhill.	817 W. 9th St.	Hammond Bldk.	1st & 3d Tues.
(to) 187	Bangor, Me.	A. B. Willard.	159 Elm St.	Roy E. Higgins.	220 Garland St.	Eureka Hall.	2d & 4th Mon.
(i) 169	Fresno, Calif.	I. E. Bartlett.	259 Abby.	R. A. Baird.	Box 153.	1139 I St.	1st & 3d Wed.
(s) 170	Pittsfield, Mass.	Henry A. Cote.	97 Lincoln St.	J. M. Clarkson.	21 Dalton Ave.	Eagle St.	1st & 3d Tues.
(m) 172	Newark, Ohio.	Ralph Bradley.	673 Maple Ave.	S. C. Alsdorf.	115 Ash St.	3 1/2 N. 3d St.	1st & 3d Thurs.
(m) 173	Ottumwa, Ia.	C. E. Nichols.	Box 153.	L. C. Stiles.	Box 158.	Labor Temple.	3d Tuesday.
174	Niagara Falls, Ont., Can.			L. Kar.	5 Ellen Ave.		
(m) 175	Chattanooga, Tenn.			E. B. Messer.	1214 Chamberlain Ave.	Central Labor Hall.	Every Tuesday.
(m) 176	Joliet, Ill.	Chas. Gierich.	415 Linden Ave.	Walt. Crate.	125 Comstock St.	101 Jefferson.	Every Thurs.
(i) 177	Jacksonville, Fla.	A. J. Spencer.	Musicians' Hall.	E. J. McDonnell.	1235 Main St.	23 Main St.	Tuesday eve.
(i) 178	Canton, O.	F. Shaub.	1109 Wood St. Massillon, Ohio.	E. Freymuth.	2507 6th st., N. W.	Bartenders' Hall.	1st & 3d Mon.
(i) 179	Norristown, Pa.	Edwin V. Kirk.	R. F. D. No. 4.	Chester Godshalk.	728 Chain St.	Norristown Trust Bldg.	1st & 3d Tues.
(m) 180	Vallejo, Cal.	Geo. Hegarty.	Box 251.	N. H. Wiley.	Box 251.	Labor Temple.	Every Wed.
(i) 181	Utica, N. Y.	A. R. Kearney.	1004 Blandina St.	L. D. Lacy.	938 Elizabeth St.	Labor Temple.	2d & 4th Fri.
(to) 182	Chicago, Ill.	Wm. Devereux.	4411 Wilcox St.	John Evoy.	3106 W. North Ave.	128 W. Randolph.	2d & 4th Fri.
(i) 183	Lexington, Ky.	C. J. Stallord.	323 Columbia Ave.	J. T. Dillon.	185 Jeff. St.		
(m) 184	Galesburg, Ill.	W. Mills.	239 W. North St.	Earl Haskins.	1166 Jeff. St.	Tr'd's Assem. Hall.	2d & 4th Mon.
(m) 185	Helena, Mont.	S. L. Beckwith.	Box 267.	S. L. Beckwith.	Box 267.	Labor Temple.	1st & 3d Tues.
(m) 187	Oshkosh, Wis.	Ellis Nichols.	562 High St.	Pack Joy.	41 Oakland Ave.	Labor Hall.	1st & 3d Tues.
188	Charleston, S. C.	Thos. A. Corby.	Box 914.	John W. Bense.	37 Logan St.	9 Wolfe St.	Every Friday.
(m) 189	Quincy, Mass.	Geo. McKeen.	93 Taylor St. Wallaston, Mass.	Frank Lintz.	14 Newcombe Pl.	Wilson's Hall, 1938 Hancock St.	2d & 4th Tues.
(s) 190	Newark, N. J.	V. O'Donnell.	177 W. 17th St., E. Orange.	J. J. Porter.	404 Bank Ave.	Aurora Hall.	2d & 4th Mon.
(m) 191	Everett, Wash.	Henry W. Watts.	1612 California.	John Worswick.	Labor Temple.	Labor Temple.	Every Thurs.
(i) 192	Pawtucket, R. I.	Edward O'Connor.	79 N. Main St.	Andrew Thompson.	7 Mary St.	21 N. Main St.	1st & 3d Tues.
(i) 193	Springfield, Ill.	Claud Marshall.	1814 S. Spring St.	W. H. Sammons.	916 Governor St.	Fortune's Hall.	1st & 3d Tues.
(i) 194	Shreveport, La.	John Davis.	Watson Elec. Co. Texas St.	Chas. Serwich.	517 Milan St.	Saengers Lab. T'ple	Mon. night.
(bo) 195	Milwaukee, Wis.	Louis Brandes.	405 Albion St.	Louis Brandes.	405 Albion St.	274 3d St.	2d Wed. 2 p.m.
(m) 196	Rockford, Ill.	A. E. Crist.	1315 11th St.	J. W. Anderson.	211 S. 8th St.	421 E. State St.	Every Friday.
(m) 197	Bloomington, Ill.	E. S. Chappel.	103 E. Moulton St.	L. C. Reed.	801 S. East St.	208 W. Front St.	2d & 4th Wed.
(m) 199	Oskaloosa, Ia.			Frank Jameson.	815 S. 2d St.	Market & 1st A.	Monday eve.
(m) 200	Anaconda, Mont.	J. W. Flynn.	Box 483.	A. G. Welander.	Box 483.	Carpenters Hall.	Every Wed.
202	Boston, Mass.	Wm. Crane.	57 Mt. Vernon St., Braintree, Mass.	A. B. Kingsley.	9 Richfield, Dor- chester.	184 Dudley St., Roxburg, Mass.	1st & 3d Mon.
(m) 203	Flint, Mich.	H. R. Anderson.	1930 Beach St.	L. H. Smith.	516 Rix St.	Olympia Club.	Monday.
(m) 204	Springfield, O.	Frank Brennan.	203 E. Pleasant St.	Jos. Perry.	R. R. No. 5.	Labor Temple.	1st & 3d Mon.
(m) 206	Jackson, Mich.	Ralph Baker.	109 Summer St.	H. H. McKivett.	713 S. Mechanic St.	Labor Hall, Jackson & Main.	Every Friday.
(i) 207	Stockton, Cal.	H. L. Wright.	Box 141.	Ed. I. Cail.	420 E. Wyandotte.	Cent. Lab. Council.	Fridays.
(m) 208	Burlington, Vt.	M. L. Thurber.	196 Elmwood Ave.	Chas. R. Franklin.	176 Lafountain St.	85 Church St.	1st & 3d Mon.
(m) 209	Logansport, Ind.	J. H. Parlett.	515 W. Linden Ave.	H. E. Smith.	1608 Treen St.	Trades Assm. Hall.	1st & 3d Fri.
(i) 210	Atlantic City, N. J.	H. C. Lukens.	37 S. Kentucky.	R. L. Stafford.	2501 Pacific Ave. No. 12.	1801 Indiana St.	Tuesdays.
(i) 211	Atlantic City, N. J.	H. H. Freed.	6 Church St.	Walt. Cameron.	1620 Atlantic Ave.	1620 Atlantic Ave.	Mondays.
(i) 212	Cincinnati, O.	W. B. Slater.	1718 Denham St., N. Fairmont, Cinn.	Arthur Liebenrood.	1313 Vine St.	1313 Vine St.	Wednesdays.
(m) 213	Vancouver, B. C.	J. Murdock.	207 Labor Temple.	E. H. Morrison.	207 Labor Temple.	Labor Temple.	Mondays.
(s) 214	Chicago, Ill.	Claude Smith.	600 S. 3d Ave. Maywood, Ill.	J. W. Cruise.	642 N. Troy St.	Rebman Hall.	1st & 3d Fri.
(i) 215	Poughkeepsie, N. Y.	Chas. Smith.	74 Delafield St.	Frank Kennedy.	205 Mill St.	Columbia Inst.	2d & 4th Mon.
(i) 216	Owensboro, Ky.	E. L. Mitchell.		E. L. Mitchell.	16 Sycamore St.	Leahman's Hall.	2d & 4th Mon.
(m) 218	Sharon, Pa.	T. L. Stacy.	5 Ohio St.	H. W. Rice.	Box 147.	Eagles' Hall.	2d Friday.
(i) 219	Ottawa, Ill.	Louis Fox.	534 George St.	Wm. Kobold.	2 Gridley Pl.	Main & LaSalle.	2d & 4th Tues.

L.U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date.
(i)220	Akron, O.	Jos. Shepherd.	854 S. High St.	J. J. Gilgen.	Box 52, Kenmore, Ohio.	319 S. Main St.	Every Monday.
(l)221	Beaumont, Tex.	A. P. Guynes.	Box 524.	R. R. Ramey.	Box 524.	I. O. O. F. Hall.	1st & 3d Sat.
(m)222	Medicine Hat, Alta., Can.	R. J. Franks.	Box 342.	W. G. Anderson.	Box 342.	Trades Hall.	2d Wed.
(i)223	Brockton, Mass.	Harvey S. Hatch.	Box 91, West Bridgewater, Mass.	A. B. Spencer.	Crescent St., West Bridgewater, Mass.	Rm. 26, 126 Main.	Every Wed.
(i)224	New Bedford, Mass.	L. Q. Wilbur.	Box 57, N. Dartmouth, Mass.	Karlet Gunderson.	313 Orchard St.	Theatre Bldg.	Mondays.
(m)225	Norwich, Conn.	W. P. Hill.	134 Prospect St.	A. R. Pierce.	136 Main St., Westerly, R. I.	Carpenters Hall.	1st & 3d Mon. 1st New London 3d Norwich.
(i)226	Topeka, Kan.	Chas. Maunsell.	222 E. Euclid Ave.	J. L. Lewis.	315 Park Ave.	418 Kansas Ave.	1st & 3d Wed.
(m)227	Sapulpa, Okla.	B. F. Bingham.	Oil City Elec Co.	B. M. Harton.	308 S. Elm St.	Union Hall.	1st & 3d Sunday morning.
228	El Centro, Calif.			Earl M. Templeton.	548 Euclid Ave.		
(m)230	Victoria, B. C.	F. Shapland.	828 Broughton St.	W. Reid.	2736 Asquith St.	Labor Hall.	Every Monday.
(i)231	Sioux City, Iowa.	Otto Hillman.	3625 Floyd Ave.	Ernest Russell.	714 Myrtle St.	6th & Nebraska.	Every Tuesday.
232	Kaukauna, Wis.	Otto Hess.	Kaukauna, Wis.	Frank Welsch.	S. Kaukauna, Wis.	Forester Hall, Kaukauna, Wis.	2d Saturday.
(l)233	Bridgeport, Conn.	G. A. Lapke.	373 Myrtle Ave.	Samuel Ferguson.	81 McKinley Ave.	Pattern Mks. Hall.	Every Thurs.
(m)234	Brainerd, Minn.	Anton M. Malone.	919 Grove St.	E. L. Dahl.	1115 Pine St.	Tr'd's & Labor Hall	1st & 3d Sat.
(m)235	Taunton, Mass.	Francis C. Sartoris.	41 Clinton St.	Edwin W. Lincoln.	Box 53.	Bartenders' Hall.	1st & 3d Fri.
(m)236	Streator, Ill.	A. Dyas.	704 Harrison.	John F. Melody.	206 S. Illinois.	Armory Hall.	Ev. other Wed.
(i)237	Niagara Falls, N.Y.	Walt R. Potter.	343 1st St.	O. V. Barber.	750 16th St.	Eagles' Hall.	Every Friday.
238	Asheville, N. C.	G. W. Webb.	77 Victoria Rd.	C. Hollingsworth.	Box 724.	Centl. Labor Hall.	Every Thurs.
(m)239	Williamsport, Pa.	I. I. Gottschall.	648 7th Ave.	Jos. Winslow.	430 Birch St.	Myres Bldg., R. 11	Wednesday.
(m)240	Nauvoo, Iowa.	C. Stevens.	301 Sycamore St.	Chas. Erdman.	123 W. Front St.	Labor Assem. Hall.	2d & 4th Thurs.
(m)241	Seattle, Wash.	B. F. Gorden.	610 Kilbourne St.				
(c)242	Pittsfield, Mass.	A. G. Sanford.	92 Dalton Ave.	Conrad Kline.	4 Harvard Pl.	C. L. U. Hall.	1st & 3d Tues.
(to)244	Lynn and Salem, Mass.	C. A. Foster.	S. Hamilton, Mass.	Geo. L. Hall.	153 Lewis St., Lynn, Mass.	Federal & Wash., Salem, Mass.	1st Friday.
(i)245	Toledo, Ohio.	D. N. Matheson.	1206 Front St.	Oliver Myers.	2435 Detroit Ave.	Monroe St.	Every Friday.
(m)246	Steubenville, Ohio.	C. O. Davis.	1614 Oregon Ave.	E. D. Richards.	City Bldg.	5th & Market.	Every 2 weeks. Monday night
(s)247-b	Schenectady, N. Y.	Herbert M. Merrill.	228 Liberty St.	Jas. Cameron.	4th St., Scotia, N.Y.	Elec. Wkrs. Hall.	1st & 3d Thurs.
(m)250	San Jose, Cal.	D. McLellan.	130 N. 7th St.	E. H. Snedaker.	Box 577.	Labor Temple.	Every Friday.
(m)251	Pine Bluff, Ark.	J. D. McCrary.	1404 W. 2d Ave.	P. J. Tierney.	517 E. 2d Ave.	Build. Trades Hall.	1st & 3d Wed.
(i)252	Ann Arbor, Mich.	Clifford Wood.	1113 College St.	Frank Beardsley.	120 Catherine St.	Trades Council Hall, Main St.	2d & 4th Wed.
254	Schenectady, N. Y.	M. T. Northup.	6 Forest Rd.	F. Hooker.	Box 441.	246 State St.	1st & 3d Wed.
(m)255	Ashland, Wis.	S. J. Talaska.	R. No. 1.	E. W. Bruce.	1118 Willis Ave.	Pabst Hall.	2d Wednesday.
(i)256	Fitchburg, Mass.	John Gilmartin.	Water St.	A. F. Robbins.	70 Pine St.	Lincoln Hall Annex.	2d & 4th Thurs.
(s)257	Oakland, Cal.	R. H. Mitchell.	1262 11th Ave.	Paul W. Brown.	1229 Russell St., Berkeley, Calif.	14th & Guerrero St.	Thursdays.
(i)258	Providence, R. I.	W. E. Sedgley.	42 Regent Ave.	W. J. Chisholm.	69 Jefferson St.	72 Weybossett St.	1st & 3d Fri.
(i)259	Salem, Mass.	G. E. Smith.	53 Wash. St., Salem, Mass.	E. R. Dickerson.	53 Washington St., Salem, Mass.	53 Wash St.	1st & 3d Mon.
(i)261	Petersboro, Ont., C.	H. Anderson.	Brownston, P. O.	P. Adamson.	P. O. Brownston.	George St.	2d & 4th Wed.
(i)262	Plainfield, N.J.	Ralph Eatz.	751 Midway Ave.	Jno. Schley.	1044 Sherman Ave.	224 W. Front St.	2d & 4th Mon.
(m)263	Tiffin, Ohio.	Oscar Frantz.	Ft. Seneca, Ohio.	N. J. Phillips.	39 Union St.	Central Labor Hall	2d & 4th Tues.
(m)265	Lincoln, Nebr.	P. C. Parks.	2001 Holdrege St.	I. C. Wixson.	Labor Temple.	Labor Temple.	Thursdays.
(m)266	Sedalia, Mo.	Jno. H. Gallie.	1011 E. 4th.	F. W. Miley.	20th & Wash. St.	Labor Temple.	1st & 3d Fri.
(c)267	Schenectady, N. Y.	R. C. Hall.	729 Pleasant St.	J. N. Cain.	Route No. 6.	Elec. Wkrs. Hall.	1st & 3d Sat.
(m)268	Newport, R. I.	Vincent F. Leonard.	Forest Ave., Middleton, R. I.	Geo. Haydock.	Lincoln St., Newport, R. I.	Merchants Hall.	2d Thursdays.
(i)269	Trenton, N. J.	Rupert A. John.	121 Park Lane.	J. H. Brelsford.	342 Cleveland Ave.	S. Broad St.	Every Mon.
(m)271	Wichita, Kan.	R. G. Miller.	1345 S. Waco St.	R. G. Shelley.	2015 S. Water.	120 N. Market St.	Every Mon.
(m)272	Sherman, Tex.	C. M. Tait.	328 W. Cherry St.	R. H. Smith.	223 E. Jones St.	Carpenter Hall.	2d & 4th Tues.
(m)273	Clinton, Iowa.	Ed. Roberts.	311 S. 2d St.	Ed. Salawetz.	320 9th Ave.	Over 112 5th Ave.	1st & 3d Wed.
(m)275	Muskegon, Mich.	James J. Whitney.	29 Southern Ave.	H. Danninge.	43 Jiroch St.	Western Ave.	1st & 3d Thurs.
(m)276	Superior, Wis.	C. O. Boswell.	1915 Belknap St.	O. E. Eby.	1304 Baxter Ave.	Belknap & Hughitt Sts.	1st & 3d Fri.
(i)277	Wheeling, W. Va.	H. C. Duckworth.	1033 Howard St., Kirkwood, Bridgeport, Ohio.	C. H. Kellar.	3923 Jacob St.	1516 Main St.	Every Friday.
(m)278	Paris, Texas.	A. B. Vincent.	Box 496.	Thos. G. Martin.	Box 496.	Bricklayers' Hall.	Friday.
(to)279	Fitchburg, Mass.	Francis J. O'Neill.	96 Albee St.	Chas. I. Pierce.	51 Granite St.	304 Main St.	1st Tuesday & 3d Sunday.
(m)280	Hammond, Ind.	Wm. Vess.	807 Union Ave.	S. A. Livingston.	213 Hoffman St.	498 Hohman.	Thursdays.
(m)281	Anderson, Ind.	Perry Neal.	2022 Cedar St.	Wm. Vess.	507 Union Ave.	Carpenters' Hall.	1st & 3d Thurs.
(m)282	Chicago, Ill.	Wm. J. O'Leary.	5532 Loomis St.	J. E. Walsh.	3801 S. Halsted St.	4351 S. Halsted.	2d & 4th Mon.
(m)283	Oakland, Cal.	E. I. Durrell.	2398 E 27th St.	Geo. Wagner.	1303 Magnolia St.	287 12th St.	Friday.
(to)284	Pittsfield, Mass.	Thos. A. Butler.	57 Dexter Ave.	H. Illingworth.	138 Seymour St.	Whittlessey Bldg.	2d & 4th Mon.
285	Peru, Ind.	J. A. Road.	266 W. 6th St.	Omer Clengver.	114 E. 3d St.	Trades Coun. Hall.	Every Monday.
(m)286	New Albany, Ind.	O. L. Biel.	13th St., bet. Elm & Oak St.	F. H. Welch.	2115 Elm St., N. Albany.	State & Market.	2d & 4th Tues.
(m)288	Waterloo, Iowa.	E. Heney.	208 E. 8th St.	W. H. Webb.	314 Oak Ave.	414 Mulberry St.	Every Thurs.
(to)289	N. Adams, Mass.	F. D. Viens.	81 Williams St.	R. H. Harvie.	6 Magnolia Terr.	69 Main St.	2d & 4th Fri.
(m)290	Bartlesville, Okla.	L. J. Mosley.	207 E. 3d St.	L. J. Mosley.	319 Del. Ave.	Empire Bldg.	Every Wed.
(m)291	Boise, Idaho.	Roy A. Wells.	1216 N. 11th St.	Roy Carson.	Box 525.	Main St.	1st & 3d Thurs.
(i)292	Minneapolis, Minn.	Geo. Thompson.		J. D. Hoban.	43 S. 4th St.	Cook's Hall, 43 S. 4th St.	2d & 4th Mon.
(l)293	Springfield, Mass.	Chas. Casey.	Case Westfield Lights, Westfield, Mass.	D. L. Tetrault.	32 Willard Ave.	Central Labor Hall.	1st & 3d Wed.

WORKERS AND OPERATORS

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L.U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date.
294	Hibbing, Minn.	Arthur Kalibalky	Zant Hotel	Arthur Kalibalky	Zant Hotel	3d Ave.	2d & 4th Sun.
(1)295	Little Rock, Ark.	J. C. Parr	1001 W. 15th St.	D. M. Heffner	421 W. Capitol Av.	Frank's Hall, 3d & Center St.	1st & 3d Wed.
(m)296	Berlin, N. H.	Arthur Greivain	Cascade, N. H.	Ora A. Keith	759 2d Ave.	Stall Bldg.	2d & 4th Wed.
(m)298	Michigan City, Ind.	Geo. Jergensen	214 Porter St.	C. Leets	106 Therman Ave.	4th & Franklin St.	2d & 4th Fri.
(m)299	Camden, N. J.	Jos. Tallman	2105 Howell	A. G. Watkins	816 Grant St.	7th & Birch.	Every Thurs.
(1)300	Auburn, N. Y.	Harold Houck	17 Seminary St.	Frank Hosley	6 Market St.	Cent. Labor Hall.	2d & 4th Fri.
301	Texarkana, Texas			H. W. Limbarger	2615 Wood St.	Labor Temple	2d & 4th Fri.
(m)302	Martinez, Calif.	Geo. A. DeSallier	Box 14, Pittsburg, Cal.	Edw. Pascoe	Box 545		2d & 4th Mon.
(m)303	St. Catharines, Ont., Can.	G. McFarlane	Hydro Sub. Station	Bert Cudney	24 Thomas St.	Carpenter's Hall	1st & 3d Mon.
(m)304	Greenville, Texas	C. A. Duck	2316 Walsworth St.	C. A. Duck	2813 Lee St.	Municipal Shop	1st & 3d Wed.
(1)305	Ft. Wayne, Ind.	A. H. Meyer	724 Riverside Ave.	C. W. Goodrian	717 McKee	610 Calhoun St.	Every Wed.
306	Anniston, Ala.			G. K. Miller	1115 Quintard Av.		
(m)307	Cumberland, Md.	Roy Snyder	238 N. Mechanic St.	Adam Arnold	Arnett Terrace	Trades Council hall	1st & 3d Thurs.
308	St. Petersburg, Fla.	J. P. Holmes	Childs Park, R. F. D.	J. H. Holmes	Childs Park	Brand Pavilion	Every Monday.
(1)309	E. St. Louis, Ill.	D. H. Nail	1705a College St.	A. S. Dixon	514 N. 37th St.	537 Collinsville Av.	Every Thurs.
310	Eau Claire and Chippewa Falls, Wis.	Roy Holtz	Cor. Wheaton & Elm St.	Anton Schoenhoferr	326 W. Spring St.	Spring	1st Thursday.
(m)311	Santa Ana, Cal.	R. L. Freeman, Jr.	302 S. Flower St.	T. S. Hunter	1019 W. 1st St.	4th & Bush Sts.	2d & 4th Mon.
313	Wilmington, Dela.	G. L. Brown	514 Pine St.	W. J. Outten	3302 Wash. St.	604 Market St.	Every Friday.
(m)312	Spencer, N. O.	G. N. Cooper	Box 77	B. B. Everhardt	Route 7, Salisbury, N. C.	Woodman Hall	1st & 3d Mon.
(m)314	Bellingham, Wash.	F. B. Horton	2005 C. St.	E. P. Walsh	Box 46	Labor Temple	Every Wed.
(cs)315	Chicago, Ill.	M. J. Long	5800 S. Ads St.	W. O. Wilson	4433 W. Monroe St.	234 N. Clark	2d & 4th Thurs.
(m)316	Ogden, Utah	F. W. Barrie	2341 Adams	M. C. Smith	1038 25th St.	Masonic Hall	Every Friday.
(1)317	Huntington, W. Va.	E. H. Porter	1126 7th St.	M. E. Paden	1808 Maple Ave.	842 1/2 4th Ave.	Thursdays
(m)318	Knoxville, Tenn.	B. B. Browning		J. A. Wood	736 Hiawasse Ave.	Gay St.	Every Monday.
(1)319	Danville, Ill.	Max Harris	724 Cleveland St.	Geo. Bridgewater	42 S. Kimball Ave.	46 1/2 N. Vermilion	2d & 4th Wed.
(m)321	LaSalle, Ill.	Frank Duffy	338 LaHarpe St.	H. B. Arms	537 Chambers St.	Post Hall	1st & 3d Fri.
(m)322	Casper, Wyo.	M. A. Hawley	222 Linden Ave., E.	H. B. Farlow	163 N. Connell	Labor Hall	2d & 4th Tues.
(m)323	W. P. Beach, Fla.	Joseph E. Bell	322 2d Ave.	Stephen L. Harmon	417 Gardenia St.	Clematis St.	1st & 3d Tues.
(m)324	Brazil, Ind.	Fred Lisch	222 E. Statuck St.	H. W. Reed	716 S. Walnut St.	8 1/2 W. Nat. Av.	2d & 4th Wed.
(m)325	Binghamton, N. Y.	F. I. Tabor	245 Conklin Ave.	A. D. Barnes	6 Bavier St.	State St.	2d & 4th Mon.
326	Lawrence, Mass.	W. B. Richardson	49 Hobson St.	Wm. Todd	229 Bruce St.	Lincoln Hall	Thursdays
(m)327	Pensacola, Fla.	L. L. Sparks		W. A. Bell	Warrington, Fla.	W. O. W. Hall	1st & 3d Mon.
(m)328	Oswego, N. Y.	E. C. Bough	144 W. Bridge	Frank W. Gallagher	79 E. 8th St.	Lab. Hall, W. 1st St	1st & 3d Friday.
329	Shreveport, La.	W. R. French	Box 740	Edw. Olwell	Box 740	Simon Bldg.	1st & 3d Mon.
(m)330	Lawton, Okla.	Fred Cowell	410 D Ave.	F. W. Stroup	1017 I St.	City Nat'l. Bank Bldg.	Saturday.
(1)331	Decatur, Ill.	L. W. Covert	262 S. Broadway	W. F. Hornebeck	149 E. Prairier	444 Powers Bldg.	1st & 3d Tues.
(1)332	San Jose, Cal.	James S. Perrod	451 N. 17th St.	J. C. Hamilton	745 Morris St.	Labor Temple	2d & 4th Wed.
(1)333	Portland, Me.	R. G. A. Morrison	50 Turner St.	M. E. Crossman	895 Congress St.	Congress St.	Every Friday.
(m)334	Pittsburg, Kan.	V. L. McGlothlin	113-15 W. 5th St.	Don French	113-15 W. 5th St.	Redmen's Hall	Every Thurs.
(m)335	Springfield, Mo.	E. C. Kelley	910 Orchard Ave.	H. M. Roberts	459 Cherry	Dingledine's Hall	Every Tuesday.
336	Manhattan, Kan.	John Lund	1516 Fairchild Ave.	John T. Steels, Jr.	810 Humboldt Ave.	228 Poyntz Ave.	2d & last Tues.
(rr)337	Parsons, Kan.	E. G. McGinnis	311 N. 13th St.	C. C. Webb	1906 Kennedy Ave.	1816 1/2 Main St.	1st & 3d Wed.
(m)338	Dennison, Texas	B. W. Baldwin	W. Herron	A. T. Hutchison	1530 Gandy St.	Labor Hall	
(m)339	Ft. Wm., Ont., C.	Wm. Raine	Box 203	T. A. Bell	Box 203	Labor Temple	2d & 4th Fri.
(1)340	Sacramento, Cal.	G. H. Coale	2403 V St.	L. T. Weber	2724 J St.	Labor Temple	2d & 4th Fri.
(m)341	Livingston, Mont.	C. H. Clark	117 1/2 W. Park	C. H. Clark	117 1/2 W. Park	W. Lewis St.	1st & last Wed.
342	Rosnoke, Va.	O. F. Carmack	Y. M. C. A.	E. M. Devin	Wasena, Va.		
343	Taft, Cal.						
(m)344	Prince Rupert, B. C., Canada			J. H. Morrison	Box 305	Fraser St.	1st Tuesday.
(m)345	Mobile, Ala.	J. A. Hall	N. Bascomb Ave.	L. C. Lytz	209 Lexington Ave.	65 1/2 St. Francis St.	Every Monday.
346	Ft. Smith, Ark.	C. L. Cooper	611 S. 13th St.	G. F. Moore	Box 128, Route 1	Labor Temple	1st & 3d Thurs.
(1)347	Des Moines, Iowa	Chas. L. Page	1124 Euclid Ave.	F. W. Martinson	3102 3d St.	Labor Temple	Every Monday.
(m)348	Calgary, Alta., Can.	E. A. Garrett	814 36th Ave. W.	J. W. Frame	Box 2181	Labor Temple	2d & 4th Wed.
(1)349	Miami, Fla.	W. L. Rae		A. J. Taunton	Box 112, Route B	Townley Hall	Every Tuesday.
(m)350	Hannibal, Mo.	C. E. McKay	424 N. 3d St.	Harry Baldwin	Route No. 3	201 Broadway	1st & 3d Fri.
(1)351	South Bend, Ind.	Dwight Sayles	320 W. LaSalle Av.	Dwight Sayles	320 W. LaSalle Ave.	Central Labor H'll	2d & 4th Thurs.
(1)352	Lansing, Mich.	John Swan	226 Smith Ave.	L. A. Leggett	904 N. Pine St.	227 N. Wash. Ave.	1st & 3d Friday.
(m)353	Toronto, Ont., C.	Fred Einboden	46 French Ave., W. Toronto, Ont. C.	Thos. Crawford	5 Hambly Ave.	Labor Temple	Every Thurs.
(1)354	Salt Lake City	Ray Gillett	Box 213	G. W. Fahy	Box 213	Labor Temple	Every Wed.
(m)355	Berlin, Ont., C.			Alf. Edmunds	63 Schneider Ave., Kitchener, Ont. C	Trades & Labor Hall	1st Friday.
(1)356	Kansas City, Mo.	W. M. DeShaffon	6013 E. 9th St.	D. C. Horner	1134 Haskell, Kansas City, Kan.	Labor Temple	2d & 4th Tues.
358	Perth Amboy, N. J.	P. C. Peterson	540 Sayre Ave.	Victor Larsen	180 Sheridan St.	Smith & Rector St.	2d & 4th Fri.
359	Knoxville, Tenn.						
(m)360	Pt. Arthur, Ont., C.	N. Kennedy	54 N. Cumberland St.	C. E. Olmstead	41 Elm St.	242 Arthur St.	Every Friday.
(m)361	Tonopah, Nev.	Walter Ross	Box 1012	Walter Ross	Box 1012	St. Patrick	2d & 4th Fri.
(m)362	Kankakee, Ill.	Geo. McKenzie	S. Wash. Ave.	W. C. Eggleston	443 S. Indiana Ave.	Labor Hall	2d & 4th Fri.
(m)363	Saratoga, N. Y.	A. C. Vines	200 Circular	F. J. Ball	122 Van Dam St.	Phila. St.	2d & 4th Thurs.
(m)365	Waterville, Me.	Merle Mitchell	88 College Ave.	Albert Boshaw	179 Water St.	Carpenter's Hall	Every Thurs.
(m)366	Lewiston, Me.	Frank Woodbury	162 Oak St.	R. E. Thomas	23 Drummond St., Auburn, Me.		
(m)367	Easton, Pa.	Geo. Martin	1553 Ferry St.	J. E. Hurlbut	612 Belmont St.	439 Northamptonst.	2d & 4th Fri.
(1)368	Indianapolis, Ind.			J. F. Timmons	1827 Fletcher Ave.	Labor Temple	1st & 3d Tues.
(m)369	Louisville, Ky.	Gilbert Thirlwell	2729 W. Main St.	F. J. Kintner	3616 Bank St.	Moose Home	Every Monday.

L.U.	Location.	Rec. Sec'y.	Address.	Fin.-Sec'y.	Address.	Meeting Place.	Meeting Dat
(i)370	Los Angeles, Calif.	E. F. Meisenheimer.	1026 W. Ave. 54.	G. W. Allen.	150 N. Beaudry St.	Labor Temple.	Every Thurs.
(m)371	Monessen, Pa.	H. C. Larimer.	574 Reed Ave.	John Knunttler.	447 Clarendon Ave.	Ruthenian Hall.	2d & 4th Mon.
(m)372	Boone, Ia.	E. A. Lankford.	.....	Geo. Smith.	716½ Keeler St.	Wednesday.	.....
(m)373	Logan, Utah.	Frank Day.	Box 292.	Jos. M. Murrin.	Box 292.	Main & 1st N. St.	2d & 4th Thurs.
(m)374	Augusta, Me.	A. L. Tavernier.	17 Summer St.	Edgar L. Dowe.	1 Cage St. Ct.	207 Water St.	1st & 3d Frida
(m)375	Allentown, Pa.	Earl W. Fried.	940 Chew St.	C. W. Moyer.	826 Turner St.	729 Hamilton St.	Every Friday.
(m)376	Princeton, Ind.	C. W. Finney.	529 W. Spruce St.	R. R. Waltz.	417 N. Hart St.	Mod. Wood. Hall.	1st & 3d Wed
(m)377	Lynn, Mass.	L. H. Barrowclough.	181 Hamilton Ave.	C. W. Shattuck.	463 Chestnut St.	Carpenters' Hall.	2d & 4th Mon.
378	San Francisco, Cal.	A. Adams.	47 Hampton Pl.	Geo. Jones.	5230 Boyd Ave., Oakland, Cal.	142 Stewart St.	Every Wed.
(m)380	Provo, Utah.	Wilson Peters.	1010 W. Centre St.	R. L. Gillespie.	946 4th St. W.	44 W. Centre St.	Every Thurs.
(f)381	Chicago, Ill.	J. W. McMahon.	3351 Belle Plaine Ave.	Geo. D. Griffith.	4325 N. Kimball Av.	500 S. State St.	2d & 4th Wed.
(m)382	Columbia, S. C.	W. F. Hughes.	1337 Assembly St.	F. C. Roamantstine.	1248 Lady St.	Plumbers' Hall.	Every Thurs.
(m)383	Gillespie, Ill.	Geo. Wallerman.	Gillespie, Ill.	E. H. Baker.	Gillespie, Ill.	Belner's Hall.	Every Thurs.
(m)384	Muskogee, Okla.	M. A. Screenchfield.	1409 Baltimore	W. O. Pitchford.	Gen. Del.	City Hall.	1st & 3d Tues.
(m)385	N. Adams, Mass.	Edw. McGowan.	Williamstown, Mass.	Oscar Hellig.	9 Kipper St.	69 Main St.	1st & 3d Thurs
(i)387	Freeport, Ill.	Herman Brandt.	169 Galena St.	J. Binkley.	332 Homer St.	I. O. O. F. Temple.	2d & 4th Fri.
(m)388	Palestine, Texas.	Jno. W. Jones.	911 Louisiana St.	Jno. W. Jones.	911 Louisiana St.	Labor Temple.	2d & 4th Thurs
(m)389	Glen Falls, N. Y.	M. D. Foley.	18 Stewart Ave. Glens Falls, N. Y.	C. H. Selleck.	34 Notre Dame	Glen & Berry Sts.	1st & 3d Friday
(m)391	Ardmore, Okla.	H. L. Bradshaw.	210 D. St. S. E.	R. 9 Peltier.	Box 253.	Labor Hall.	2d & 4th Mon.
(m)392	Troy, N. Y.	Fred McDermott.	59 Congress St.	I. S. Scott.	59 Congress St.	Labor Temple.	1st & 3d Thurs
(m)393	Havre, Mont.	Wm. Dibbs.	Gen. Del.	Ralph Smith.	Gen. Del.	230½ 1st St.	1st & 3d Tues.
(i)394	Auburn, N. Y.	Howard Mapes.	20 Grant Ave.	Howard Mapes.	20 Grant Ave.	Mantel's Hall.	2d & 4th Wed.
(m)395	St. John, N. B.	W. Colwell.	249 Rockland Rd.	A. P. Sainders.	186 Rockland Rd.	Odd Fellows Hall.	1st Wed.
(ce)396	Boston, Mass.	Geo. M. Loux.	37 Harbor View St., Dorchester, Mass.	M. H. Field.	14 Lowden Ave. Somerville, Mass.	We'll's Memorial Hall, 987 Wash.	1st & 3d Wed.
(m)397	Balboa, C. Z., Pan.	I. W. Metzger.	Balboa, C. Z., Pan.	E. C. Hartshore.	Box 305, Balboa, C. Z., Pan.	Balboa Lodge Hall.	2d & 4th Tues.
(m)401	Reno, Nev.	Geo. I. James.	919 Jones St.	Geo. I. James.	919 Jones St.	Bldg. Trades Hall.	1st & 3d Thurs
(i)402	Greenwich, Conn.	Harry Holbeck.	260 E. R. R. Ave.	W. D. Peck.	11 Lawrence St.	125 Greenwich Ave.	1st Thursday.
(f)404	San Francisco, Cal.	H. M. Hansen.	7 Colridge St.	H. F. Zecher.	1908 Essex St., Berkeley, Calif.	Building Trades Hall.	2d & 4th Mon.
(i)405	Cedar Rapids, Ia.	T. D. Phelps.	1270 3d Ave.	J. P. Winn.	350 S. 18th St.	1st Ave. & 1st St.	Wednesdays.
(m)406	Okmulgee, Okla.	H. R. Shull.	.....	D. E. Shick.	514 W. 11th St.	Moose Hall.	Every Thurs.
(m)408	Missoula, Mont.	W. A. Barrett.	Box 203.	B. A. Vickrey.	314 W. Cedar St.	W. Main St.	Every Monday.
410	Bay City, Mich.	Chas. McEachern.	1012 N. Grant.	M. J. Ferguson.	513 N. Madison Av.	Engineers' Hall.	1st & 3d Mon.
411	Warren, Ohio.	J. W. Tranter.	310½ Swallow St.	J. W. Spargo.	115 Howland Ave.	Eagles' Hall.	1st & 3d Mon.
(m)414	Macon, Ga.	H. L. Rein.	Winship St.	T. B. Sutton.	Box 471.	Cherry St.	1st & 3d Fri.
(m)415	Cheyenne, Wyo.	O. L. Moulton.	Box 423.	E. B. Norton.	Box 423.	Eagles' Hall.	4th Thursday.
(m)416	Bozeman, Mont.	H. H. Foster.	Box 515.	H. H. Foster.	Box 515.	Union Hall.	1st & 3d Tues.
(m)417	Coffeyville, Kans.	Allen Bettisworth.	816 W. 2d St.	J. L. Manley.	907½ Walnut St.	907½ Walnut St.	1st Sunday.
(m)418	Pasadena, Calif.	H. E. Gage.	703 Palisade St.	Dan Wallace.	Box 526.	Labor Temple.	Friday.
(f)419	New York, N. Y.	Wm. Kopp.	Lepperts Ave., Richmond Hill, N. Y.	H. Schlueter.	275 Crescent St., Brooklyn, N. Y.	301 8th Ave.	1st & 3d Fri. Ex. Bd. 2d 4th Fridays.
(m)420	Keokuk, Ia.	H. H. Smith.	1724 Ridge St.	H. H. Smith.	1724 Ridge St.	1001 Johnson St.	1st Tues.; 3 Wed.
(m)421	Watertown, N. Y.	Ralph G. Lynch.	118 E. Main St.	Geo. Dezell.	City Hall.	Trades Assembly.	1st & 3d Thurs.
(r)423	Moberly, Mo.	Wm. Nelson.	905 Franklin St.	Wm. Nelson.	905 Franklin St.	Over Mullen's Store.	2d & 4th Wed.
(rr)424	Decatur, Ill.	Edw. Coover.	246 Central Ave.	J. H. Withgott.	1165 E. Olive.	R. R. Y. M. C. A.	2d & 4th Wed.
(m)426	Sioux Falls, S. D.	Earl House.	623 Franklin St.	Glenn Nash.	.....	Eagle's Hall.	1st & 3d Mon.
(i)427	Springfield, Ill.	Homer Herrin.	2163 S. 10th St.	J. W. Ritter.	317 W. Mason St.	216½ S. 6th.	2d & 4th Wed.
(m)428	Bakersfield, Cal.	Theo. Landrum.	Midland Hotel.	R. J. Parsons.	Box 238.	Labor Temple.	Every Thurs.
(i)429	Nashville, Tenn.	Max V. Boring.	1223 25th Ave., N.	W. B. Hope.	213 Cleveland St.	411½ Main St.	1st & 3d Wed.
430	Racine, Wis.	J. E. Raven.	513 8th St.	Robt. Hogbin.	623 Lake Ave.	Union Hall.	2d & 4th Wed.
(m)431	Mason City, Ia.	Joe Holub.	.....	W. T. Dull.	403 W. 5th St.	K. P. Hall.	2d & 4th Thurs
433	Warren, Ohio.	.....	.....	Myron Crawford.	East Ave., gen. del.	.....	.....
(m)434	Douglas, Ariz.	Fred Mathews.	1306 13th St.	Gordon Broyles.	Box 961.	1323 G. Ave.	2d & 4th Mon.
(m)435	Winnipeg, Man., C.	L. Bemister.	995 Jessie Ave.	J. L. McBride.	Labor Temple.	Labor Temple.	Every Monday.
(s)436	Watervleit, N. Y.	Harold Farrar.	127 Northern Blvd., Albany, N. Y.	T. A. Keiser.	1131 7th Ave.	1565 1st Ave.	3d Sat. eve.
(m)437	Fall River, Mass.	A. W. Lawrence.	1119 Rodman St.	Frank Mullen.	101 Adams St.	8 S. Main St.	Every Monday.
(i)439	Akron, Ohio.	Mike Wise.	991 Leroy Ave.	V. Metkeff.	49 Payne Ave., Cuyahoga Falls, Ohio.	C. L. U. Hall.	Every Wed.
(m)440	Riverside, Calif.	V. W. Dundas.	1308 W. 10th St.	C. C. Buford.	152 Romana Drive.	Mechanic's Hall.	Each Tuesday.
(s)442	Schenectady, N. Y.	Harry Lewis.	13 Pennsylvania St.	David Ring.	537 Schtdy St.	246 State St.	2d & 4th Thurs
(m)443	Montgomery, Ala.	J. R. Brooks.	122 Plum St.	J. C. Kendrick.	21 Wash. St.	Redmen Hall.	2d & 4th Wed.
(m)445	Battle Creek, Mich.	A. V. Woods.	66 Battle Creek Av.	E. M. Riggs.	96 Grand Ave.	I. O. O. F., 531 Hall	1st & 3d Monda
(m)446	Monroe, La.	Geo. Hooker.	Box 419.	Geo. Hooker.	Box 419.	City Hall.	1st & 3d Tues.
(m)447	Sandusky, Ohio.	John Schumacker.	1712 Monroe St.	Karl Pollack.	1411 Carr St.	Trades-Labor Hall.	1st & 3d Friday
448	Dallas, Texas.	.....	.....	W. Louis Fitch.	Dallas Auto Sales. Co.	.....	.....
(m)449	Pocatello, Idaho.	A. A. Haley.	Box 196.	Paul Heinrich.	Box 196.	Eagles' Hall.	Friday evening
(m)451	Santa Barbara, Cal.	E. A. Marshall.	Box 415.	O. L. Peffey.	Box 415.	Eithian Bldg.	Every Friday.
(i)453	Billings, Mont.	.....	.....	Harry Bolster.	421 S. 30th St.	Labor Hall.	1st & 3d Thurs.
454	Bluefield, W. Va.	E. L. Patterson.	Box 632.	G. H. Easley.	Box 632.	Moose Hall.	1st & 3d Thurs.
(i)455	Miami, Fla.	Joe Quarteman.	1237 13th St.	A. L. Brost.	931 16th St.	Townley Bldg.	2d & 4th Thurs.
(m)456	New Brnswick, N.J.	Geo. Stout.	Route No. 1.	Thos. Dumfee.	168 Tounsend St.	Federation Hall.	2d & 4th Fri.
(i)457	Altouna, Pa.	Geo. Woome.	219 E. 1st Ave.	G. A. Reger.	807 East St.	C. L. U. Rooms.	2d & 4th Mon.
(m)458	Aberdeen, Wash.	W. Brackenreid.	413 E. 1st St.	H. S. Yerkes.	209 N. Alder St.	Bldg. Trades Hall.	Wed. evening.
(m)460	Chickasha, Okla.	Wm. Purcell.	Box 413.	C. D. Phillips.	519 Minn Ave.	Union Labor Hall.	1st Wed.
(i)461	Aurora, Ill.	Norbert Berve.	153 Iowa Ave.	J. L. Quirin.	364 Talma St.	Over B Theatre.	2d & 4th Tues.

L.U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date.
(m)462	Waycross, Ga.....	G. D. Cottingham..	Ware Co. L & P. Co.	J. E. Taylor.....	City Hall.....	Lott & Hitch Bldg..	1st & 3d Mon.
(r)463	Springfield, Mo.....	F. Bunwell.....	1957 Benton St.....	J. W. Dieterman..	1310 Boonville St..	Germania Hall.....	2d & 4th Tues.
(m)465	San Diego, Calif.....	A. E. Peck.....	Box 118.....	C. J. Brown.....	Box 118.....	Express Block.....	Every Thurs.
(l)466	Charleston, W. Va.....	B. Morgan.....	810½ Bigley Ave.....	T. N. Crawford.....	713 Penn Ave.....	Stage Workers' Hall.	Every Sat.
(m)467	Miami, Ariz.....	F. R. Falby.....	Box 581.....	C. M. White.....	Box 581.....	Plumbers' Hall.....	1st & 3d Wed.
(s)468	Van Nest, N. Y.....	A. W. Stevenson.....	1571 O d e l l St., Brenx, N. Y.	Hugh Davitt.....	647 Mead St.....	Morris Park Hall...	2d & 4th Wed.
469	Bessemer, Ala.....	R. Rocket.....	2505 Hawthorne Ave.	Fred E. McGloskin.	605 Balsom Ave., Pratt City, Ala.	Theo. Lamors' H'll.	Every Wed.
(m)470	Haverhill, Mass.....	Chas. Gordon.....	159 Webster St.....	Willis Severance...	49½ Central St., Bradford, Mass.	Labor Temple.....	2d & 4th Fri.
(m)471	Millinocket, Me.....	Jos. Nickless.....	Box 8.....	Jos. Nickless.....	Box 6.....	Rush Block.....	1st Friday.
(l)474	Memphis, Tenn.....	Ben Manyard.....	Box 274.....	H. R. Martin.....	Box 274.....	Italian Hall.....	Friday night.
(f)475	St. Paul, Minn.....	J. F. Keller.....	185 Rondo St.....	Otto Nelson.....	894 Westminster St.	Trades Union Hall.	1st & 3d Tues.
(m)476	Saginaw, Mich.....	Chas. H. Willard..	1010 N. Wash Ave..	Clark Jordan.....	Fulton & Genessee St.	Saginaw F. of L. Hall.	Friday.
(m)477	San Bernardino, Cal.	O. Potter.....	466 9th St.....	R. Stratton.....	459 F. St.....	Labor Temple.....	Every Thurs.
(m)478	Rome, N. Y.....	Leon Pillmore.....	121 W. Fox St.....	B. F. Butler.....	813 Floyd Ave.....	Moose Hall.....	2d & 4th Thurs.
(i)479	Beaumont, Tex.....	O. C. Brandt.....	Box 932.....	C. A. Weber.....	Box 932.....	Trades Ass'ly Hall	2d & 4th Wed.
480	Marshall, Tex.....	Paul Frahey.....	E. Rusk St.....	E. L. Hilliard.....	505 Wash Ave. S.	K. of P. Hall.....	2d & 4th Fri.
(i)481	Indianapolis, Ind.....	W. Moore.....	138 W. Wash. St..	O. Dunn.....	138 W. Wash St..	Labor Temple.....	Wednesday.
482	Eureka, Calif.....	C. A. Robb.....	2469 Union St.....	Robt. Millen.....	2146 C. St.....	Union Labor Hall..	1st & 3d Tues.
(l)483	Tacoma, Wash.....	W. L. Bra'sham.....	3369 S. G St.....	F. P. Fisher.....	4825 S. I St.....	719½ Commerce St.	Every Monday.
(s)484	Detroit, Mich.....	R. C. Martin.....	333 Cass Ave.....	O. Dicaire.....	875 Meldrum.....	Bricklayers' Hall..	Every Thurs.
(i)485	Rock Island, Ill.....	E. Smith.....	Box 226.....	Theo. Evers.....	2422 19th Ave.....	Turner Hall.....	2d & 4th Tues.
(i)486	Ithaca, N. Y.....	C. E. Copeland.....	373 Mechanic St.....	C. L. Berry.....	Cascadilla St.....	Redmen's Hall.....	1st & 3d Mon.
(m)487	Cobalt, Ont., Can.....	C. E. Oatey.....		Otto Dinger.....	Box 157.....	Miners' Hall.....	Every 2d Tues.
(m)488	Bridgeport, Conn.....	Wm. Shonmaker.....		Albert Walkley.....	352 William St.....	Carpenters' Hall..	1st & 3d Mon.
(m)489	Dixon, Ill.....	L. Owens.....	Sterling, Ill.....	Geo. E. Talcotte.....	117 W. Water St..		
(m)490	Centralia, Ill.....	R. E. Moore.....		Chas. McMillian.....		Metropolitan O d d Fellows Hall.	1st & 3d Mon.
(m)491	Hopewell, Va.....	Harry T. Aycock.....	Hopewell, Va.....	J. H. Carnes.....	Box 1094.....	Moose Home.....	Monday night.
(l)492	Montreal, Que. O.....	O. Porrier.....	614 Garnier.....			235 Beaudry.....	2d & 4th Mon.
(m)493	Johnstown, Pa.....	Frank Tegler.....	Rear 558 Park Ave.	Karl Metzler.....	615 Franklin St.....	Opperman Bldg.....	1st & 2d Tues.
(i)494	Milwaukee, Wis.....	E. P. Broetter.....	183 Burleigh St.....	Chas. Hansen.....	373 6th Ave.....	Jungs Hall.....	Friday.
(m)496	Pittsfield, Mass.....	H. D. Blass.....	18 Crosby Pl.....	H. E. Bourdon.....	78 Calumet St.....	C. L. U. Hall.....	Every Tuesday.
(m)497	Gainesville, Tex.....	A. C. Herman.....	Box 38.....	A. C. Herrman.....	Box 38.....	F. U. of A. Hall..	2d & 4th Fri.
498	Waterford, N. Y.....	R. A. Kenney.....				Odd Fellows' Hall..	2d & 4th Thurs.
(m)499	Jonquiere's, Que. Can.	Theophile Allard..	P. O. Box 82, Kenogami.	Jean Archard.....	Box 103.....	Commercial Hotel..	Every Friday.
(l)500	San Antonio, Tex.....	H. M. Rhodus.....	230 Becker St.....	E. F. Yecker.....	430 University Ave.	Trades Coun. Hall.	2d & 4th Wed.
(m)501	Yonkers, N. Y.....	H. Wildberger.....	119 S. High St., Mt. Vernon, N. Y.	Chas. Teige.....	173 Hawthorne Av.	51 S. 4th Ave.....	1st & 3d Fri.
(f)503	Boston, Mass.....	Geo. Deans.....	9 Appleton St., At- lantic, Mass.	A. Steir.....	7 Leshier St., Ros- indale, Mass.	53 Hanover.....	2d & 4th Mon.
(m)504	Meadville, Pa.....	Bruce V. Hecker.....	R. F. D. No. 6.....	C. A. McGill.....	705 Wash. St.....	Central Labor Hall.	1st & 3d Thurs.
(m)506	Chicago H't's, Ill.....	Otto Koehler.....	Euclid Ave.....	Thos. Ryan.....	15 E. 24th St.....	Labor Assem. Hall.	2d & 4th Thurs.
507	Flat River, Mo.....	Ray V. Stricklett..		Ed Bloom.....		Tucker Hall.....	1st & 3d Thurs.
(i)508	Savannah, Ga.....	W. S. Shattuck.....	203 W. York St.....	J. T. Hill.....	421 E. St Julian St.	28 State St. E.....	1st & 3d Wed.
(i)509	Lockport, N. Y.....	Chester Korff.....	236 Prospect St.....	Howard Gardner.....	175 Saxton St.....	Carpenters Hall.....	2d & 4th Wed.
(m)512	Salem, Oreg.....	A. R. Tuttle.....	405 N. Liberty St..	C. R. Stowaser.....	656 University St..	Labor Hall.....	2d & 4th Mon.
(m)513	Manchester, N. H.....	S. W. Malcolm.....	125 Pine St.....	Wm. Malcolm.....	125 Pine St.....		1st Wed., Man- chester; last Fri., Nashar, N. H.
(f)514	Detroit, Mich.....	D. O'Connor.....	1223 Seminole Ave..	J. A. Meyerelles....	565 Bagg St.....	333 Cass Av.....	1st & 3d Tues.
(m)515	Newport News, Va.....	W. E. Brinson.....	426 Newport News Ave., Hampton, Va.	W. F. Kraberg.....	P. O. Box 292.....	C. L. U. Hall.....	1st & 3d Tues.
(m)516	Providence, R. I.....	Chas. W. Johnson..	279 Pontiac Ave., Auburn, R. I.	J. L. Sullivan.....	46 Sheldon St.....	98 Weybossett St..	1st & 3d Wed.
(m)517	Astoria, Oreg.....	A. E. McCarthy.....	26 W. Duane St.....	Louis Carlson.....	591 Exchange St.....	Labor Temple.....	1st & 3d Wed.
(m)518	Meridian, Miss.....	Wm. R. McGee.....	1101 25th Ave.....	W. R. McGee.....	1101 25th Ave.....	Suette Bldg.....	1st & 3d Fri.
(m)519	Wallace, Idaho.....	Lester Armitage.....	Wallace, Idaho.....	W. A. Smith.....	924 Residence St..	Trades-Labor Hall.	1st & 3d Sat.
(m)520	Austin, Texas.....	P. G. Bentley.....	1805 Brayos.....	Chas. Spreen.....	608 Harthan St.....	Trades Council Hall	2d & 4th Mon.
(m)522	Lawrence, Mass.....	John Bartlett.....	33 Farnham St.....	Nicholas Bowling..	85 Shawshen Rd.....	Chamber of Com- merce Hall, Bay State Bldg.	2d & 4th Thurs.
(m)523	N. Yakima, Wash.....	B. F. Weisinger.....	320 S. 13th Ave.....	A. J. Creel.....	406 S. 9th Ave.....	Labor Temple.....	Every Friday.
524	Duluth, Minn.....	Alex Waelen.....	208 S. 57th Av. W. W. Duluth, Minn.	Edwin Bratt.....	101 S. 64th Av. W. W. Duluth, Minn.	Gilley Hall.....	2d & 4th Fri.
(m)525	Ajo, Ariz.....	H. Alexander.....	Clarkston, Ariz.....	H. Alexander.....	Clarkston, Ariz.....	Clarkston.....	Every Tues.
(i)526	Santa Cruz, Cal.....	Paul C. Mackey.....	42 Ocean View Ave.	J. Tondorf.....	Box 49.....	Alternately, Santa Cruz & Watson's	1st & 3d Wed.
(i)527	Galveston, Tex.....	Chas. F. M'Cluskey.	510 21st St.....	A. E. Kirk.....	916 21st St.....	Red Men's Hall.....	Every Friday.
(m)528	Milwaukee, Wis.....	Bert B. Streeter.....	1826 Nash St.....	Jas. Hagerman.....	619 Linus St.....	Catel's Hall.....	1st Friday.
(m)529	Eugene, Oreg.....	W. L. Corson.....	Sneed Hotel.....	S. E. Jenstead.....	Bangs' Apt.....	American Hall.....	3d Monday.
530	Rochester, Minn.....	M. O. Smith.....	722 E. 5th St.....	C. H. Hanson.....	123 N. Main St.....	Brick Maker's Hall.	1st & 3d Thurs.
531	New Haven, Conn.....	W. C. McCulloch.....	147 Bradley St.....	Jas. S. Duffy.....	48 Eld St.....	93 Pali Bldg.....	
(i)532	Billings, Mont.....	R. Shay.....	Box 646.....	W. T. Gates.....	Box 646.....	2813 Mont. Ave.....	1st & 3d Tues.
(i)534	New York, N. Y.....	Geo. Whitford.....	214 Reliance Bldg., 32 Union Sq.	W. A. Hogan.....	214 Reliance Bldg., 32 Union sq.	Labor Temple.....	Every Thurs.
(i)535	Evansville, Ind.....	C. J. Lord.....	R. F. D. No. 30.....	E. A. Schwartz.....	28 Denby Ave.....	Morris Hall.....	Every Friday.
(i)536	Schenectady, N. Y.....	Wm. Damon.....	112 Foster Ave.....	T. Rourke.....	359 Carrie St.....	247 State St.....	1st & 3d Sat.
(ss)537	San Francisco, Cal.	C. O. Mann.....	629 Aileen St., Oak- land, Cal.	H. Metzke.....	477 66th St., Oakland, Cal.	146 Stewart St.....	1st & 3d Mon.

L.U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date.
538	Danville, Ill.	J. V. Garinger	1208 Chandler St.	H. A. Wright	210 N. Washington.	117 N. Vermilion	1st & 3d Mon.
(m) 539	Port Huron, Mich.	Wm. Knox	254 Cromwell St., Sarina, Ont.	David R. Kline	1039 Pearl St.	Trades-Labor Hall.	2d & 4th Tues.
(i) 540	Canton, O.	Geo. J. Wilson	528 5th St. N. W.	H. C. Hinds	915 Dartmouth Ave., S. W.	Marlen Bldg.	Every Tues.
(m) 544	Edmonton, Alta., C.	W. Hemphill	113 Goodridge Blk.	Fred Davies	113 Goodridge Blk.	113 Goodridge Blk.	2d & 4th Wed.
(m) 545	Kokomo, Ind.	Floyd Knause	611 S. McCann St.	C. E. Davis	1037 S. Leeds St.	B. T. Hall, N. Main St.	Every Tues.
546	Quebec, Que. Can.			Jas. Ganvin	74 Scott St.		
548	Brockton, Mass.	Jno. W. Higgins, Jr.	129 Howard St., Rockland, Mass.	Henry A. Evans	80 Ellis St.	Lincoln Hall.	2d & 4th Thurs.
(m) 549	Huntington, W. Va.	W. S. Smallward	634 7th St.	Nye Black	1032½ 4th Ave.	Moose Hall.	1st & 3d Wed.
(m) 550	Winston-Salem, N. C.	E. R. Weisner	515 Dvenshire St.	W. B. Hyatt	128 Dunleith Ave.	Over Wright Shoe Store.	Every Thurs.
(m) 551	Amsterdam, N. Y.	Floyd LeBahn	69 Union St.	Louis Siegle	70 McCleary Ave.	Church St.	2d & 4th Tues.
(m) 552	Lewistown, Mont.	H. H. Snyder	314 W. Brassey St.	H. B. Matthews	Box 653.	614 W. Broadway.	2d & 4th Sat.
(p) o) 553	Philadelphia, Pa.	Wm. Freedmen	509½ S. 8th St.	Peter F. Marx	808 N. 41st St.	502 N. 10th St.	1st & 3d Sun.
554	Welland, Ont., C.	E. E. Rinker	225 E. Main St.	H. W. Ort	89 Griffith St.	Labor Hall.	1st Thurs.
(po) 555	Omaha, Nebr.	Hugh I. McCabe	2784 Davenport St.	Lowell L. Finch	8016 N. 24th St.	313-14 Neville Blk.	Every Monday.
(m) 556	Walla Walla, Wash.	Alva Anderson	Box 741	Mitchell Anderson	Box 741.	Labor Temple.	1st & 3d Wed.
(m) 557	Minot, N. Dak.	T. B. Huff	P. O. Box 301	Joe Powell	Box 301.	District Council Chambers.	Every Thur.
(i) 560	Pasadena, Cal.	D. E. Vail	69 W. Green St.	F. E. Churchill	1975 Lundy Ave.	42 E. Walnut.	1st & 3d Thurs.
(m) 561	Montreal, Que., C.	D. Jardin	385 St. Philippe St.	E. J. Sinclair	535 LaSalle rd.	417 Ontario St. E.	Every Wed.
(m) 562	Lowell, Mass.	Wm. Mansfield	1037 Lawrence St.	Thos. F. McQuade	5 James St.	S. R. M. Hall, Runek Bldg.	1st & 3d Mon.
(m) 563	Marion, Ind.	Wm. Gehle	908 McClure St.	Billy Connors	Marion Theatre.	Trades C'ncl Hall.	Every Thurs.
(m) 564	Richmond, Ind.	Chas. F. Carroll	529 N. D St.	Chas. Davis	244 Pearl St.	Carpenters' Hall.	2d & 4th Fri.
(i) 565	Schenectady, N. Y.	Geo. A. Feast	16 Harrison Ave.	Wm. C. Sheffield	211 Harrison Ave.	State St.	2d & last Tues.
(rr) 566	Roanoke, Va.	H. D. Sparks	P. O. Box 404	J. D. Richardson	P. O. Box 304.	10 W. Campbell.	Every Tues.
(i) 567	Portland, Me.	E. B. Walker	42 Alba St., Woodford, Me.	Guy Herring	76 Melbourne.	Rm. 52 Farrington Blk.	Every Monday.
568	Moose Jaw, Sask., Can.						
(po) 569	Buffalo, N. Y.	Paul H. Graf	29 St. Paul St.	Chas. A. Gehl	462 Winslow Ave.	C. Wash & Goodall	1st & 3d Wed.
(m) 570	Tucson, Ariz.	Aron Jones	Box 504	Philip E. Braum	Box 504.	Congress St.	Every Tuesday.
(m) 572	Regina, Sask., C.	W. Willis	Box 318	W. Willis	Box 318.	Tr'ds Hall Oster st.	2d Thursday.
574	Bremerton, Wash.	Harry Calkins	Box 392	P. T. Actor	R. No. 17, Manett, Wash.	Eagles' Hall.	2d & 4th Fri.
575	Portsmouth, O.	W. E. Miller	828 11th St.	W. E. Miller	828 11th St.	Chillicothe St.	2d & 4th Mon.
576	Xenia, O.	Herbert Shaw	Dayton Ave.	Orville Tucker	W. 2d St.	Red Men's Hall.	2d & last Tues.
(m) 577	Drumright, Okla.	W. B. Gaskins	Box 622	H. T. Johnson	Box 245.	Brown & Johnson's Residence.	Every Sunday.
(i) 578	Englewood, N. J.	Homer W. Has- brouck.	Continental Ave., River Edge, N. J.	Harry L. Fulton	118 Preston, Ridge- field Park, N. J.	Ryan's Hotel, Hackensack, N. J.	2d & 4th Tues.
(m) 579	Globe, Ariz.	B. J. Niles	Box 1353.	C. P. Niles	Box 1353.		
(m) 580	Olympia, Wash.			Claud Wolf	1801 E. 4th St.	Socialist Hall.	2d & 4th Wed.
581	Morristown, N. J.	Harry Anson	Cutler Park.	John H. Watson	Morris Plains, N. J.	Park Place.	1st & 3d Mon.
582	Shenandoah, Pa.	W. J. McGrath	P. O. Box B, Lost Creek, Pa.	Jas. Haley	523 Walnut St.	2d St., Girardville, Pa.	1st & 3d Thur.
(i) 583	El Paso, Tex.	J. T. Bippus	Box 1105.	J. H. Jacoby	Box 1105.	Kansas & Overland.	Fridays.
(m) 584	Tulsa, Okla.	G. C. Gilmore	424 N. Boston	J. J. Cease	P. O. Box 94.	Musicians' Hall.	Every Tuesday.
(i) 585	El Paso, Tex.	Herbert Flynn	Box 608.	J. E. McGee	Box 608.	Kansas & Overland.	Every Friday.
(m) 586	Lindsay, Ont., Can.	Wm. A. Maloney	39 S. William St.	Ed. Theffault	133 N. William St.	I. O. O. F. Hall.	Every Friday.
587	Pottsville, Pa.	W. A. Bashoe, Jr.	203 Haven St.	Robert W. De Long	437 Greenwood Ave.	Centre & Arch St.	Tuesdays.
(i) 588	Lowell, Mass.	John A. Ryan	144 Concord St.	Harold F. Roberts	190 Wilder St.	I. O. O. F. Bldg.	1st & 3d Fri.
(m) 589	Saskatoon, Sask., C.	Wm. S. Fyke	Box 186.	Wm. T. Nicholson	Box 282.	Labor Temple.	1st & 3d Fri.
(i) 591	Stockton, Cal.	P. J. Fischer	819 E. Anderson st.	W. R. Gregory	1017 S. Sutter	220 N. Market St.	Wednesday.
(f) 592	Kansas City, Mo.	I. Abro	Labor Temple.	H. S. O'Neil	4716 W. Prospect.	Labor Temple.	1st & 3d Thur.
(m) 593	Dunkirk, N. Y.	Samuel Hare	411 Fox St.	C. R. Harris	57 W. 3d St.	Central Ave.	2d & 4th Thur.
(m) 594	Santa Rosa, Cal.	J. E. Tempson	Box 438.	Tom Fouch	Box 438.	2d & B. St.	1st & 3d Thurs.
(m) 595	Oakland, Cal.	W. J. Parr	3416 Davis St.	W. S. Taylor	550 59th St.	470 12th St.	Every Wed.
(i) 596	Clarksburg, W. Va.	W. J. Robinson	312-14 Colonial apts	L. W. Reger	206 Birds Place.	Ltstetter Bldg.	Every Wed.
(m) 597	Winona, Minn.	E. W. Evans	Eagles' Hall.	Thos. O'Brien	612 W. 4th St.	Telemonic Hall.	2d Friday.
(o) 598	Oakland, Cal.			E. Fitzsimmons	530 43d St.	470 12th St.	Every Tuesday.
(m) 599	Iowa, City, Ia.			G. T. Ramsey	531 S. Van Buren.	College St.	1st & 3d Tues.
(i) 601	Urbana & Cham- paign, Ill.	O. L. Welch	401 E. Spgfd. Ave., Champaign, Ill.	C. Lewis	508 E. Vine St.	3d Floor Hessel Bldg.	1st & 3d Tues.
602	Amarillo, Tex.	G. C. Pidcoke	1004 Pierce St.	C. C. Pedcake	Finklea Elec. Co.	409 Polk St.	1st & 3d Thur.
603	Schenectady, N. Y.	J. P. Fleming	31 Moyston St.	C. Pierce	315 Mohawk Ave., Scotia, N. Y.	Trades & Labor Hall.	1st Sat Aft.
(to) 604	Bellows Falls, Brattleboro, Vt.	R. Darling	44 Estey St., Brattleboro, Vt.	Chas. W. Tidd	22 West St.	Papermakers' Hall	1st Sunday.
(m) 605	Pana, Ill.	G. L. Miller	311 S. Maple St.	Chas. P. Gallaher	117 Fitchell Blvd.	2d Locust.	2d & 4th Tues.
(s) 608	Ft. Wayne, Ind.	C. O. Brown	1333 Buchanan St.	O. L. Markey	1914 Forest Ave.	Machinists' Hall.	Monday.
(i) 609	Spokane, Wash.	A. J. Oakes	Box 1777.	D. P. Reid	515 Rookery Bldg.	722½ 1st Ave.	Every Wed.
(m) 610	Marshalltown, Ia.	Robt. Hamblin	212 N. 2d St.	F. E. Brown	1005 Tremont St.	Labor Hall.	2d & 4th Tues.
(m) 611	Albuquerque, N.M.	Walter Joyce	410 N. 6th St.	W. V. Bueche	P. O. Box 251.	I. O. O. F. Hall.	2d & 4th Thurs.
(i) 612	Marquette, Ia.	R. E. Cook	603 N. 1st Ave.	Ralph Lippes	8 E. Linn St.	T. L. Hall.	2d & 4th Tues.
(m) 613	Virginia, Nev.	Henry Haas	D St.	J. D. Leavitt	Box 473.	65 S. 6th.	Ev. other Tues.
614	San Rafael, Cal.	H. E. Jorgensen	Delevan Hotel.	H. E. Smith	224 H. St.	4th St.	1st & 3d Tues.
(i) 615	Cedar Rapids, Ia.	R. H. Devine	622 Cambridge St.	F. B. Douglas	223 4th Ave. W.	Labor Temple.	1st & 3d Sat.
(m) 616	Worcester, Mass.	Geo. Winchester	63 N. T. St.	Wm. Jones	7 Kilby St.	35 Pearl St.	1st & 3d Tues.
(i) 617	San Mateo, Cal.	A. S. Moore		H. F. Magee	42 Park Rd., Bur- lingame, Cal.	B. T. C. Hall.	1st & 3d Tues.

L.U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date.
(ta) 618	White River, Vt....	Deane O. Houland..	White River Jct. Vt.	W. J. Jennings....	White River Jct. Vt.	K. of P. Hall.....	Last Sat. of Mo.
(m) 619	Hot Springs, Ark...	D. J. Pell.....	138 Cress St.....	D. J. Peel.....	138 Crest St.....	4 Hagar St. Add. mail to Box 151.	Ev. other Tues.
(m) 620	Sheboygan, Wis....	Thos. E. MacDonald	821 Oakland Ave....	F. V. Cooper.....	2320 S. 7th St.....	Box 676.....	3d Thursday.
(e) 622	Lynn, Mass.....	Don McQuiston....	Box 141.....	Chas. D. Keaveney..	Box 71.....	Carpenters' Hall..	Every Mon.
(i) 623	Butte, Mont.....	B. Greig.....	37 Allan St.....	W. A. Lomas.....	59 William St.....	Granville St.....	1st Tues.
(i) 625	Halifax, N. S., C..	C. Williams.....	222 2d Ave. SW....	E. A. Nickerson....	25 Brunswick Lane.	Granville St.....	1st Thur.
(m) 626	Aberdeen, S. D....	Chas. Weigand....	Amherst, Ohio.....	C. J. Koerner.....	222 2d Ave. SW....	K. C. Hall.....	1st & 3d Sat.
(m) 627	Lorain, Ohio.....			Chas. Wiegand....	Route No. 2, Am- herst, Ohio.	G. A. R. Hall.....	1st & 3d Thurs.
(m) 629	Moncton, N. B. C..	H. V. Belyea.....	230 Dominion St....	W. J. Hickey.....	147 Enterprise St..	Main St.....	2d Wednesday.
(m) 630	Lethbridge, Alta., C.	E. Theobold.....	Box 455.....	E. Theobold.....	Box 591.....	4th St. S.....	1st Wed.
(i) 631	Newburgh, N. Y....	Leonard Herrmann.	316 3d St.....	Edw. McDonald....	59 William St.....	Chamber St.....	1st Tues.
(m) 634	Taylor, Tex.....	W. H. Kelley.....	Box 429.....	Wm. M. Elliott.....	Box 429.....	Labor Temple.....	Every Sat.
(i) 635	Davenport, Iowa..	R. L. Naylor.....	2621 R. I. St.....	R. M. Thomas.....	719 W. 4th St.....	Leclaire Hall.....	2d & 4th Fri.
(i) 638	Eau Claire, Wis....	Paul Urbabees....	624 Broadway St....	Pearl Urterbes....	624 Broadway St....	306 E. Madison....	2d & 4th Tues.
637	Trinidad, Colo....			John Hannon.....	Box 632.....		
(m) 638	New Glasgow, N. S., Canada.	J. J. Neville.....	Gen. Delivery.....	Mac A. Morgan.....	Box 92.....	Provost St.....	1st & 3d Tues.
(m) 639	Port Arthur, Tex....	Otto Dean.....	P. O. Box 1221....	E. B. Parker.....	Box 1221.....	633½ Proctor St..	Every Mon.
(m) 640	Phoenix, Ariz.....	H. A. Spencer.....	Box 501.....	F. F. Clark.....	Box 501.....	238 E. Wash. St..	1st & 3d Fri.
(r.r.) 641	Silvis, Ill.....	H. D. Andrew.....	438 50th St., Mo- line, Ill.	Earl H. Hall.....	132 Rear 9th St..	Industrial Home, Moline, Ill.	1st & 3d Fri.
(m) 642	Meridian, Conn....	A. E. Walker.....	16 Howe St.....	A. A. Lanoutte.....	232 Cook Ave....	Bldg. Trades Hall..	1st & 3d Sat.
(m) 643	Johnson City, Tenn	W. P. Sullivan....	109 Orchard St....	L. A. Gordon.....	309 E. Millard St..	246 State St.....	2d & 4th Fri.
(m) 644	Schenectady, N. Y.	Jno. N. Mackintosh	15 10th Ave.....	Peter B. Stevens..	716 Westover Ave..	State St.....	Last Wed.
645	Schenectady, N. Y.	Lester B. Doane...	L. Box 233.....	Geo. E. Haywood...	1620 Albany St..	Labor Temple.....	1st & 3d Fri.
(m) 646	Schenectady, N. Y.	J. E. Lamunda.....	312 Summit Ave....	R. Tuck.....	9 Close St.....	246 State St.....	1st & 3d Wed.
(i) 647	Hamilton, O.....	Wilber Weigand...	538 S. Front St....	Frank Venable.....	433 N. 4th St.....	2d & Court St....	Alternate Tues.
(m) 649	Alton, Ill.....	J. T. Bromlette....	Box 133.....	Earl Lawrence.....	Box 133.....	3d and Piassa....	1st & 3d Fri.
(m) 651	Medford, Oreg.....	Karl Knapp.....	819 Bennett Ave....	E. G. Henselman...	29 Summit Ave....	128 N. Grape....	1st Saturday.
(m) 653	Miles City, Mont..	C. M. Dahlgreen...	Arnold Blk.....	Claude Bartlett....	P. O. Box 821....	7th & Main St....	2d & 4th Tues.
654	Tacoma, Wash.....	H. W. Luebke.....		J. H. Duncanson...			
(i) 655	Waterbury, Conn...	F. H. Marcellus...	44 Cottage Place...	D. H. Warren.....	5 Cook St.....	40 N. Main St....	Every Thurs.
656	Albany, Oreg.....			Chas. R. Gould....	827 S. Ferry St..		
(m) 657	Raleigh, N. C.....	T. V. Ruth.....	21 S. Swain St....	T. V. Ruth.....	21 S. Swain St....	Union Hall.....	1st & 3d Mon.
(i) 658	Little Rock, Ark...	W. H. Halliburton.	Dice Elec. Co....	R. F. Stoecker.....	Dice Elec. Co....	Painters' Hall....	2d & 4th Thur.
(c) 659	Dunkirk, N. Y....	Wm. Teadt.....	23 Armadilla St....	John Kepple.....	197 Railroad Ave..	333 Lion St.....	1st & 3d Sun. afternoon.
(i) 660	Waterbury, Conn...	Edw. P. Conlon....	512 S. Wilson St....	Jehn Vogt.....	Woodbine St., Un- ion City, Conn.	127 E. Main St....	Every Monday.
(m) 661	Hutchinson, Kan...	Frank Fick.....	302 A West.....	C. E. Munn.....	727 E. 9th.....	305 N. Main.....	1st & 3d Tues.
(e) 662	E. Pittsburgh, Pa..	Lester Merritts...		Wm. W. Noble.....	1003 Middle St..	N. S. Pittsburgh..	Every Friday.
(rr) 663	Boston, Mass.....	Frank P. Chase....	53 Bellevue St....	Martin L. Kidder...	37 Bowdoin St....	92 Leverett.....	Last Thurs.
(m) 664	Brooklyn, N. Y....	J. L. Stewart.....	15 Gamma Pl.....	Wm. Pinckney.....	297 E. 7th St.....	Brooklyn Lab. Lyc.	4th Friday.
(i) 665	Lansing, Mich.....	J. R. Beckwith....	905 N. Pine St....	F. M. Barker.....	222 S. Butler St..	227 N. Wash. Ave.	1st & 3d Tues.
(i) 666	Richmond, Va.....	C. L. Fulk.....	1202 Bainbridge St	W. B. Roberts.....	Bellevue Apts., 5th & Cary Sts.	Labor Temple.....	Every Monday.
(m) 668	Lafayette, Ind.....	Ralph Bowers.....	1504 Virginia St....	Arthur Henze.....	305 N. 24th St....	Labor Temple.....	1st & 3d Mon.
(i) 669	Springfield, O....	W. R. Hicks.....	339 Oakwood Pl....	I. K. English.....	618 W. Columbia St	Labor Temple.....	Every Friday.
(m) 670	Fargo, N. Dak.....	F. J. Servis.....	1540 Front St.....	T. J. Gorman.....	115 12th St. N....	Redmen Hall at Moorhead, Minn.	2d & 4th Thur.
671	Omaha, Nebr.....	Virgil Kinnaman...	2707 Howard.....	J. B. VanBoskirk...	2714 Taylor St....	Labor Temple.....	1st Mon., 3d Sun. P. M.
(m) 672	Grand Forks, N. D.	Fred J. Travers....	514 2d Ave.....	Clyde E. Baker.....	P. O. Box 581.....	Odds Fellows' Hall.	1st & 3d Thurs.
(m) 673	Vineland, N. J.....	Jos. L. Sealby.....	921 Park Ave.....	H. C. Holliday.....	324 Wood St.....	G. A. R. Hall.....	1st & 3d Wed.
674	Connellsville, Pa...	G. W. Santmyer...	614 Park St.....	Henry Hillson.....	126 Fairview Ave..		
(i) 675	Elizabeth, N. J....	Robt. Lewis.....	28 Lyons Pl.....	Theo. Roll, Jr.....	510 1st Ave.....	225 Broad St.....	2d & 4th Thur.
676	Rexburg, Idaho....	Chas. J. Upham....		Chas. J. Upham....			
(m) 677	Gatun, C. Z., Pan..	W. L. Lailor.....	Box 542, Cristobal, C. Z., Pan.	F. W. Hallin.....	Box 88, Cristobal, C. Z., Pan.	Gatun Hall.....	1st Saturday.
(m) 678	Hingham, Mass....	K. E. Richardson...	37 Highland pl., S. Weymouth, Mass.	B. L. Beal.....	47 Hersey St., Hingham, Mass.	Cristobal Hall....	3d Saturday.
(m) 679	Grinell, Iowa.....	H. O. Shaw.....		F. L. Rinefort.....	1303 Main St.....	Labor Hall.....	2d & 4th Tues.
(m) 680	Fond du Lac, Wis..	F. Du Frane.....	175 E. Johnson St..	V. E. Tood.....	25 E. 14th St.....	Cor. 3d & Main...	2d & 4th Mon.
(m) 681	Wichita Falls, Tex.	J. H. Hallmark....	816 Indiana Ave....	A. H. Howard.....	903 Scott St.....	Labor Hall.....	Every Wed.
(m) 683	Carbondale, Pa....	B. E. Durphy.....	17 Grove St.....	Geo. C. Burrell....	51 Laurel St.....	Labor Temple.....	1st & 3d Tues.
(m) 684	Modesto, Cal.....	J. O'Brien.....		R. Webster Johnson	111 Myrtle Ave....	Labor Temple.....	1st & 3d Wed.
(rr) 685	Bloomington, Ill...	Harry T. Kenvin...	610 Seminary Ave..	Paul C. Boulmare...	901 S. Allen St....	Frisch Hall.....	2d & 4th Tues.
(m) 686	Hazleton, Pa.....	Fred Greenway....	333 E. Juniper St..	Lewis Miller.....	584 Peace St.....	Leviston Bldg....	2d & 4th Mon.
687	Newburyport, Mass.	L. A. Ruby.....	Atkinson St.....	Elmer M. Olney....	17 Charter St....	Moore Hall.....	2d & 4th Tues.
(i) 688	Mansfield, Ohio...	Oscar Levy.....	110 Woodland Ave..	J. W. Wood.....	82 Vennom Ave....	Trades C'ncl Hall.	1st & 3d Fri.
689	Alexandria, La....		P. O. Box 279....	Al Marker.....	200 S. School St..		
690	Bloomington, Ill...				Normal, Ill.		
691	Miami, Okla.....	R. B. Ritchey.....		A. A. Welch.....		Williams Opera House.	Every Thurs.
692	Sault Ste Marie, Mich.	Wesley Follis....	817 Bingham Ave..	J. A. McBain.....	321 Dawson St....	LaLonde.....	Every Wed.
693	El Dorado Kas....			J. G. Steel.....	604 N. Merchant St.		
(m) 694	Youngstown, O....	Michael Moore....	17 Lane Ave.....	Fred Korth.....	115 Berlin St.....	E. Boardman St..	2d & 4th Thur.
(m) 695	St. Joseph, Mo....	O. A. Karrasch...	802½ N. 13th St...	Wm. Wagner.....	2107 Penn. St....	Labor Temple.....	1st & 3d Thurs.
(i) 696	Albany, N. Y.....	Chas. Travis.....	110 Dana Ave.....	W. J. Hannaway....	7 Delaware St....	German Hall.....	2d & 4th Tues.
697	Gary, Ind.....	H. D. Hedden.....	423 Ohio Ave., Whiting, Ind.	W. A. McHale.....	122 E. 39th St....	500 Broad, Gary..	1st & 3d Thur.
					Gary, Ind.	595 Hohman Ham- mond.	2d & 4th Thur.

L. U.	Location.	Rec. Sec'y.	Address.	Fin Sec'y.	Address.	Meeting Place.	Meeting Date
(m)698	Jerome, Ariz.....	M. R. Martin.....		M. D. Soosar.....	Box 1340.....	Miners' Hall.....	Every Thurs.
(i)699	Gloucester, Mass.....	S'lvester D. Deering.....	18 Wash St.....	Eugene R. Lord.....	381 Wash St.....	167 Main St.....	1st & 2d Tues.
700	Charleston, W. Va.....			W. M. Beaver.....	P. O. Box 1186.....		
(m)701	Wheaton, Ill.....	Adam W. Dieter.....		A. W. Busch.....	Box 179 Elmhurst, Ill.	Main St.....	2d & 4th Thurs.
(m)702	Herrin, Ill.....	W. F. Rummage.....		W. F. Rummage.....	Care Murphysboro Tel. Co.	N. Park Ave.....	Every Sunday.
(m)703	Edwardsville, Ill.....	C. A. Bennett.....	1815a G. St..... Granite City, Ill.	C. H. Hotz.....	214 W. Union St.....	Main & Vandalia.....	2d & 4th Tues.
(i)704	Dubuque, Ia.....	W. R. Towle.....	988 Iowa St.....	S. E. Triller.....	90 Kaufman Ave.....	7th & Main Sts.....	1st & 3d Tues.
(m)705	Frankfort, Ky.....	Bonnie Johnson.....	Gen. Del.....	W. C. Watson.....	626 Taylor Ave.....	Brady's Hall.....	Every Mon.
(m)706	Monmouth, Ill.....	Fred Stutzman.....	217 W. Detroit Av.....	Jas. E. Ward.....	317 W. 2d Ave.....	W. Side of Sq.....	2d & 4th Mon.
(m)707	Holyoke, Mass.....	Fred Moos.....	3 Taylor St., So. Hadley Falls, Mass.	P. O. Neuman.....	4 Vernon.....	High St.....	2d & 4th Mon.
708	Philadelphia, Pa.....	Jas. E. Smith.....	2833 N. Watts St.....	Martin Galagher.....	3248 F. St.....	2210 E. Susquehanna Ave.	Every Wed.
(m)709	Clarkdale, Ariz.....	F. Westmyer.....		C. P. Reilly.....	Box 192.....	School House.....	1st & 3d Tues.
(m)710	Northampton, Mass.....	H. L. McGreen.....	Box 604.....	Thomas Chaisson.....	Box 604.....	59 Main St.....	1st & 3d Tues.
(m)711	Long Beach, Cal.....	R. S. Prest.....	Box 207.....	W. H. Brown.....	Box 207.....	Labor Temple.....	Every Tues.
(m)712	New Brighton, Pa.....	Chas. O. Cook.....	1500 2d St., New Brighton, Pa.	Wm. G. Dithridge.....	515 35th St., Beaver Falls, Pa.	3d Ave.....	1st & 3d Mon.
(a)713	Chicago, Ill.....	A. Lang.....	1433 S. 59th Ave., Cicero, Ill.	J. F. Schilt.....	738 W. Madison, Chicago, Ill.	788 W. Madison St.	1st & 3d Tues.
(m)714	Mt. Hope, Va.....	J. D. Everett.....		B. Rutherford.....	Box 163.....		
(i)715	Kincaid, Ill.....			W. J. Peters.....	2006 Jefferson Ave.....	1219 Prairie Ave.....	Every Thurs.
(i)716	Houston, Tex.....	B. W. Deuel.....	1713 Lubbock.....	J. P. McWilliams.....	374 Warren St., Roxbury, Mass.	987 Wash. St.....	1st & 3d Tues.
(s)717	Boston, Mass.....	J. J. O'Donnell.....	16 Vale St., S.....		1904 Monroe St., Box 328, Goffstown, N. H.	4th bet. Bdy & Jeff.	2d Monday.
(to)718	Paducah, Ky.....	L. S. Brown.....	620 S. 6th St.....	D. H. Maxcy.....		64 Hanover St.	2d & 4th Wed.
(i)719	Manchester, N. H.....	Rudolph Scheer.....	181 Douglass St.....	Geo. L. King.....			
(m)722	Corland, N. Y.....	Harry Fairbanks.....	14 N. Greenbresh.....	J. J. McMahon.....	12 Alvena Ave.....	Trades Assembly.....	1st & 3d Mon.
(i)723	Ft. Wayne, Ind.....	A. J. Offerle.....	1151 Harmer St.....	J. Buelow.....	1110 Spy Run Ave.....	1204 Calhoun St.....	Every Friday.
724	Ottawa, Can.....	R. J. Desjardines.....	13 Vaughn St.....	F. Dubois.....	606 St. Patrick St.....	Queen's Hall.....	1st & 3d Wed.
(i)725	Terre Haute, Ind.....	W. O. Partridge.....	2610 School Ave.....	E. C. Kadel.....	1011 S. 4th St.....	210 Cathcart St., Stulton.	1st & 3d Mon.
(m)726	Sault Ste. Marie, Ont., Canada.....	B. Brockbank.....	146 Walnut St.....	O. R. Larsen.....	No. 2 Fire Station.....	200 Cathcart St., Stulton.	2d & 4th Sun.
727	Schenectady, N. Y.....	J. Schaaf.....	834 Duane Ave.....	Pat Volpe.....	315 S. Center St.....	State St.....	2d Tuesday.
(to) 1a	Boston, Mass.....	Anna M. O'Brien.....	50 Rosemont St., Dorchester, Mass.	Mary E. Matthews.....	Rm. 452, Old South Bldg.	987 Wash. St.....	2d & 4th Fri.
(to) 2a	Lynn, Mass.....	Katherine Cleary.....	36 Hollingsworth St.....	May Healey.....	8 Echo Pl.....	Moose Hall.....	2d & 4th Mon.
(to) 3a	Springfield, Mass.....	Maude O. Mansfield.....	246 King St.....	Catharine McQuade.....	332 Walnut St.....	19 Lanford St.....	2d & last Tues.
(to) 4a	Holyoke, Mass.....	Mary Daley.....	18 Lynwood Ave.....	Elizabeth Doyle.....	20 Miller Ave.....	189 High St.....	2d & 4th Thurs.
(to) 5a	Worcester, Mass.....	Mary Conway.....	46 Dorchester St.....	Helen F. Boyd.....	66 Upala St.....	K. of C. Hall.....	1st & 3d Mon.
(to) 6a	New Bedford, Mass.....	Irene A. Gifford.....	188 Wash. St.....	Marion E. Keane.....	Box 360.....	Union St.....	2d & 4th Thurs.
(to) 7a	Framingham, Mass.....	Ruth L. Hannon.....	51 Arlington St.....	Dora E. Cozens.....	61 Hollis St.....	Howard St.....	1st & 3d Thurs.
(to) 8a	Boston, Mass.....	Marguerite M. Burke.....	73 Coting St., Medford, Mass.	Agnes Burke.....	37 Pearl St., Brookline, Mass.	184 Dudley St., Roxbury, Mass.	1st & 3d Mon.
(to) 9a	Butte, Mont.....	Helen Gately.....	57 Ringold St.....	Bertha McGregor.....	715 Maryland Ave., Off Highland St.....	W. Granite St., Main St.....	Last Sat.
(to) 10a	Marlboro, Mass.....	Florence Johnson.....	31 Gillis Ct.....	Margaret Carney.....	47 Chester St.....	Fitchburg B. T.....	1st & 4th Tues.
(to) 11a	Fitchburg, Mass.....	Margaret Mansfield.....	Bedford St.....	Louise Lemieux.....	Cambridge Turnpike.....	Main St.....	2d & 4th Mon.
(to) 12a	Concord, Mass.....	Mabel Bracken.....	519 W. Morgan St.....	Mary Bulger.....	1211 W. Owing St.....	Rusk Ave.....	2d Monday.
(to) 15a	Denison, Tex.....	Alice M. Queeman.....	126 Boston St.....	Tillie Martens.....	89 Mason St.....	Odell Hall.....	1st Monday.
(to) 16a	Salem, Mass.....	Margaret Weistrofer.....	726½ Proctor St.....	Laura M. Kenny.....	726½ Proctor St.....	Electricians' Hall.....	2d Monday.
(to) 17a	Pt. Arthur, Tex.....	Anna Clark.....	16½ Arlington St.....	Margaret Weistrofer.....			1st & 3d Wed.
(to) 18a	Lawrence, Mass.....	W. Warren.....	76 Bellevue St.....	Josephine Farrell.....	169 Howard St.....	Essex St.....	2d & 4th Tues.
(to) 19a	Lowell, Mass.....	Hazel Morrison.....	5 Arch St.....	Helen Moran.....	9 Kimball Ave.....		1st & 3d Tues.
(to) 20a	Haverhill, Mass.....	Bertha E. Monarch.....	662 2d St.....	Florence Lockwood.....	23 Magnolia Ave.....	3 Main St.....	3d Monday.
(to) 21a	Fall River, Mass.....	Ruth M. Whitman.....	3 North Ave.....	Catherine Coughlin.....	114 Dover St.....	G. A. R. Hall.....	1st Monday.
(to) 22a	Taunton, Mass.....			Marion L. Mackenzie.....	45 Hodges Ave.....	Court St.....	3d Friday.
(to) 23a	Pittsfield and Gr. Barrington, Mass.....	Gertrude Benjamin.....	36 Church St., Pittsfield, Mass.	Anna May Burke.....	54 Fairview Ave., Pittsfield, Mass.	Whittlesey Bldg.....	1st & 3d Mon.
(to) 24a	N. Adams, Mass.....	Florence Deyo.....	22 Notch rd.....	V. M. Viens.....	230 Haughton St.....	Tel. Club Hall.....	1st Tues. last Wed.
(to) 25a	Portland, Me.....	Cora H. Smith.....	68 Atlantic.....	Mary C. Foley.....	19 Bristol St.....	Pythian Temple.....	2d & 4th Mon.
(to) 26a	Bangor, Me.....	Catherine Griffin.....	38 Railroad St.....	Annie McGee.....	46 Merrimac St.....	Eureka Hall.....	2nd & 4th Wed.
(to) 27a	Brookton, Mass.....	Nellie M. Smith.....	51 N. Manchester.....	June McCormack.....	88 Warren Ave.....	Marston Bldg.....	1st & 3d Mon.
(to) 28a	Nashua, N. H.....			Florence Berry.....	109 Alds St.....		
(to) 29a	Toledo, Ohio.....	E. Bade.....		Mrs. Loretta Van Gunter.....	536 Nebraska Ave.....	103 Arcade Bldg.....	Wed., 1:30
(to) 31a	Winnipeg, Man., Can.....	M. Medcalf.....	1100 Alexander Ave.....	B. McLennon.....	274 Redwood Ave.....	Labor Temple.....	2d & 4th Wed.
(to) 32a	Cleveland, O.....			C. A. Weaver.....	3521 Prospect Ave., 11 Walnut St., Worden, Ill.	Lafayette Hall.....	1st & 3d Wed.
(to) 33a	Newburyport, Mass.....	A. E. Sheldon.....	Ring's Island.....	Eliza A. Haley.....		Staunton L. Temple	2d Friday.
(to) 34a	Staunton, Ill.....	Vida O'Neal.....	Staunton, Ill.....	Amanda Walters.....			
(to) 35a	Ardmore, Okla.....	Kitty Hanson.....	1315 E. Summit St.....	Margaret Moir.....	709 4th Ave.....	R. T. Council.....	2d & 4th Wed.
(to) 36a	Aberdeen, Wash.....	Helen Zellars.....		Eliz. M. Smith.....	722 Residence St.....	722 Residence St.....	1st & 3d Mon.
(to) 37a	Wallace, Idaho.....	Clara McGee.....		Clara McGee.....	1537 Defoe St.....	Union Hall.....	1st & 3d Fri.
(to) 38a	Missoula, Mont.....	Carolyn Wagner.....	1612 E. 30th St.....	Mathilda Gunal.....	4819 S. William St., Grand Hotel.....	Farley's Hall.....	Every Tues.
(to) 39a	Tacoma, Wash.....	Doris Coad.....	1507 M'Kinley Ave.....	Edna Aikew.....		Labor Temple.....	2d & 4th Tues.
(to) 40a	N. Yakima, Wash.....	Flora McDonald.....	1029 Jeff St.....	Winifred Randall.....	1029 Jeff St.....	7th & Adams.....	2d & 4th Tues.
(to) 41a	Olympia, Wash.....	Nellie Johnson.....	386½ Wash. St.....	Helene Jones.....	386½ Wash. St.....	386½ Wash. St.....	Thursday.
(to) 42a	Portland, Ore.....						
(to) 43a	Miles City, Mont.....						
(to) 44a	Seattle, Wash.....						
(to) 47a	Ft. Smith, Ark.....						

CLASSIFIED DIRECTORY

Alabama.	Macon 414	Isthmus of Panama.	Greenland 470
Birmingham 136	Savannah 508	Gatun 677	Haverhill 170
Mobile 345	Waycross 462	Paraiso 397	Haverhill 20a
Montgomery 443	Florida.	Idaho.	Hingham 678
Arkansas	Jacksonville 177	Boise 291	Holyoke 707
Fort Smith 346	Miami 349	Pocatello 449	Holyoke 4a
Fort Smith 47a	Miami 455	Rexburg 676	Lawrence 522
Hot Springs 619	Tampa 108	Wallace 519	Lawrence 18a
Little Rock 295	W. Palm Beach 323	Wallace 374	Lowell 19a
Little Rock 658	Illinois.	Indiana.	Lowell 562
Pine Bluff 251	Alton 649	Anderson 281	Lowell 588
Arizona.	Aurora 149	Brazil 324	Lynn 2a
Ajo 525	Aurora 461	Crawfordsville 39	Lynn 377
Clifton 132	Bloomington 197	Evansville 16	Lynn an Salem 244
Clarkdale 709	Bloomington 655	Evansville 535	Lynn 622
Deuglas 434	Bloomington 690	Ft. Wayne 305	Marlboro 10a
Globe & Miami 579	Centralia 490	Ft. Wayne 608	New Bedford 144
Jerome 698	Champaign 601	Ft. Wayne 723	New Bedford 224
Miami 467	Chicago 9	Gary 697	New Bedford 6a
Oatman 138	Chicago 49	Hammond 280	Newburyport 687
Phoenix 640	Chicago 134	Indianapolis 368	Newburyport 33a
Tucson 570	Chicago 147	Indianapolis 481	North Adams 24a
California.	Chicago 157	Kokomo 545	North Adams 289
Bakersfield 428	Chicago 182	Lafayette 668	North Adams 385
El Centro 228	Chicago 214	Logansport 209	Northampton 710
Eureka 482	Chicago 282	Marion 563	Pittsfield 170
Fresno 100	Chicago 315	Michigan City 298	Pittsfield 242
Fresno 169	Chicago 381	New Albany 286	Pittsfield 496
Long Beach 711	Chicago 713	Princeton 376	Pittsfield 23a
Los Angeles 61	Chicago Heights 506	Peru 285	Quincy 189
Los Angeles 83	Danville 74	Richmond 564	Salem 16a
Los Angeles 370	Danville 319	South Bend 351	Salem 259
Martinez 302	Danville 538	South Bend 153	Springfield 7
Modesta 684	Decatur 146	Terre Haute 25	Springfield 160
Oakland 257	Decatur 331	Terre Haute 725	Springfield 284
Oakland 283	Decatur 424	Kansas.	Springfield 293
Oakland 595	Dixon 489	Coffeyville 417	Springfield 3a
Oakland 598	East St. Louis 309	El Dorado 693	S. Framingham 7a
Ontario 260	Edwardsville 703	Parsons 337	Taunton 235
Pasadena 418	Elgin 717	Pittsburg 334	Taunton 22a
Pomona 260	Freeport 387	Topeka 226	Worcester 96
Pasadena 560	Galesburg 184	Wichita 271	Worcester 616
Riverside 440	Gillespie 383	Hutchinson 661	Worcester 5a
Sacramento 36	Herrin 702	Kentucky.	Michigan.
Sacramento 340	Joliet 176	Frankfort 705	Ann Arbor 252
San Bernardino 477	Kankakee 362	Lexington 183	Battle Creek 445
San Diego 465	Kewanee 94	Louisville 112	Bay City 410
San Francisco 151	Kincaid 715	Louisville 369	Detroit 17
San Francisco 6	Lake County 150	Owensboro 216	Detroit 58
San Francisco 92	La Salle 321	Paducah 718	Detroit 484
San Francisco 378	Monmouth 706	Louisiana.	Detroit 514
San Francisco 404	Ottawa 219	Alexandria 689	Flint 203
San Francisco 537	Pana 605	Monroe 446	Grand Rapids 75
San Jose 250	Peoria 34	New Orleans 4	Grand Rapids 107
San Jose 332	Peoria 51	New Orleans 130	Jackson 206
San Mateo 617	Quincy 67	Shreveport 194	Kalamazoo 131
San Rafael 614	Rockford 196	Shreveport 329	Lansing 352
Santa Ana 311	Rock Island 109	Maine.	Lansing 665
Santa Barbara 451	Rock Island 485	Augusta 374	Muskegon 275
Santa Cruz 526	Silvis 641	Bangor 107	Port Huron 539
Santa Rosa 594	Springfield 193	Bangor 26a	Saginaw 476
Stockton 207	Springfield 427	Bangor 366	Minnesota.
Stockton 591	Springfield 34a	Lewiston 471	Brainerd 234
Taft 343	Stanton 236	Millinocket 471	Duluth 31
Vallejo 180	Wheaton 701	Portland 128	Duluth 524
Colorado.	Iowa.	Portland 333	Hibbing 294
Colorado Springs 113	Boone 372	Portland 567	Minneapolis 292
Cripple Creek 70	Cedar Rapids 405	Portland 28a	Minneapolis 24
Denver 68	Cedar Rapids 615	Waterville 65	Rochester 530
Denver 111	Clinton 273	Maryland.	St. Paul 23
Pueblo 12	Davenport 154	Baltimore 27	St. Paul 110
Trinidad 637	Davenport 635	Baltimore 28	St. Paul 475
Connecticut.	Des Moines 55	Cumberland 307	Winona 597
Bridgeport 233	Des Moines 347	Massachusetts.	Mississippi.
Bridgeport 488	Dubuque 704	Boston 103	Meridian 518
Greenwich 402	Fort Dodge 114	Boston 104	Missouri.
Hartford 35	Grinnell 679	Boston 525	Flat River 507
Meridian 642	Iowa City 599	Boston 396	Hannibal 350
New Britain 30	Iowa City 599	Boston 503	Joplin 12a
New Haven 531	Keokuk 420	Boston 663	Kansas City 162
Norwich 225	Marshalltown 610	Boston 717	Kansas City 356
Waterbury 655	Marshalltown 612	Boston 1a	Kansas City 592
Waterbury 660	Mason City 431	Boston 8a	Moberly 423

Montana.		Schenectady	644	E. Pittsburg	662	Richmond	666		
Anaconda	200	Schenectady	645	Easton	367	Roanoke	342		
Bozeman	416	Schenectady	647	Erie	30	Roanoke	566		
Billings	453	Schenectady	727	Erie	56	Washington.			
Billings	532	Syracuse	43	Harrisburg	143	Aberdeen	36a		
Butte	65	Syracuse	79	Hazelton	686	Aberdeen	458		
Butte	623	Troy	392	Johnstown	493	Bellingham	314		
Butte	9a	Utica	42	Meadville	504	Bremerton	574		
Deer Lodge	152	Utica	181	Menessen	371	Everett	191		
Miles City	653	Van Nest	468	New Castle	33	Yakima	223		
Miles City	45a	Waterford	498	New Brighton	712	Olympia	580		
Great Falls	122	Watertown	421	Norristown	179	Olympia	43a		
Harve	393	Watervleit	436	Philadelphia	21	Seattle	77		
Helena	185	Yonkers	501	Philadelphia	98	Seattle	46		
Lewistown	552	North Carolina.			Philadelphia	Seattle	241		
Iivingston	341	Asheville	8. 23.	Philadelphia	553	Seattle	46a		
Missoula	408	Raleigh	657	Philadelphia	708	Spokane	73		
Nebraska.		Spencer	312	Pittsburg	5	Spokane	609		
Lincoln	265	Wilmington	123	Pittsburg	14	Tacoma	76		
Omaha	555	Winston-Salem	550	Pittston	667	Tacoma	483		
Omaha	22	North Dakota.			Pottsville	Tacoma	654		
Omaha	671	Fargo	670	Scranton	587	Tacoma	39a		
Nevada.		Minot	557	Sharon	81	Walla Walla	556		
Reno	401	Grand Forks	672	Shenandoah	218	West Virginia.			
Tonopah	361	Ohio.			Shenandoah	582	Bluefield	454	
Virginia City	613	Akron	220	Warren	63	Charleston	466		
New Jersey.		Akron	439	Wilkes Barre	163	Charleston	700		
Atlantic City	210	Canton	540	Williamsport	239	Clarksburg	596		
Atlantic City	211	Canton	178	Rhode Island.				Huntington	549
Camden	299	Chillicothe	88	Newport	268	Wheeling	141	Wheeling	277
Dover	13	Cleveland	32a	Providence	99	Wisconsin.			
Jersey City	15	Cleveland	32a	Providence	258	Ashland	255	Eau Claire	636
Elizabeth	675	Cleveland	38	Providence	516	Eau Claire	and	Eau Claire and	
Englewood	578	Cleveland	39	Pawtucket	192	Chippewa Falls	310	Fond du Lac	680
Jersey City	164	Cleveland	78	South Carolina.				Greeen Bay	158
Morristown	581	Cincinnati	101	Columbia	382	Kaukauna	232	Kenosha	127
Newark	52	Cincinnati	212	South Dakota.				La Crosse	135
Newark	190	Columbus	54	Aberdeen	626	Madison	159	Milwaukee	195
New Brunswick	456	Columbus	71	Sioux Fall	426	Milwaukee	494	Milwaukee	528
Paterson	102	Dayton	82	Tennessee.				Oshkosh	187
Perth Amboy	358	Dayton	118	Chattanooga	175	Racine	430	Sheboygan	620
Plainfield	262	East Liverpool	93	Johnson City	643	Superior	165	Superior	276
Trenton	29	Elvira	129	Knoxville	318	Wyoming.			
Trenton	269	Hamilton	648	Knoxville	359	Casper	322	Cheyenne	415
Vineland	673	Lima	32	Memphis	474	Sheridan	646	CANADA.	
New Hampshire.		Lorain	627	Nashville	429	Alberta.			
Berlin	296	Mansfield	688	Texas.				Calgary	348
Manchester	513	Portsmouth	575	Abilene	126	Lethbridge	630	Edmonton	544
Manchester	719	Portsmouth	575	Austin	520	Medicine Hat	222	British Columbia.	
Nashua	28a	Sandusky	447	Amarillo	602	Prince Rupert	344	Vancouver	213
New Mexico.		Springfield	204	Beaumont	221	Victoria	230	Manitoba.	
Albuquerque	611	Springfield	669	Beaumont	479	Winnipeg	31a	Winnipeg	435
New York.		Steubenville	245	Dallas	59	New Brunswick.			
Albany	696	Tiffin	263	Dallas	69	Moncton	629	St. John	395
Albany	137	Toledo	8	Dallas	448	Nova Scotia.			
Amsterdam	551	Toledo	245	Dennison	15a	Halifax	625	New Glasgow	638
Auburn	394	Toledo	29a	Dennison	338	Ontario.			
Auburn	300	Warren	411	El Paso	583	Berlin	355	Cobalt	487
Binghamton	325	Warren	433	El Paso	585	For tWilliam	339	Hamilton	105
Buffalo	41	Youngstown	62	Fort Worth	116	Lindsay	586	London	120
Buffalo	45	Youngstown	64	Fort Worth	156	Niagara Falls	174	Ottawa	724
Buffalo	569	Youngstown	87	Gainesville	497	Peterboro	261	Port Arthur	360
Cortland	722	Youngstown	694	Galveston	527	Sault Ste Marie	726	St. Catharines	303
Dunkirk	593	Xenia	576	Greenville	304	Toronto	353	Welland	554
Dunkirk	659	Oklahoma.			Houston	66	Quebec.		
Elmira	139	Ardmore	35a	Houston	716	Jonquieres	499	Quebec	546
Ithaca	486	Ardmore	391	Palestine	388	Montreal	492	Montreal	561
Glens Falls	389	Bartlesville	290	Paris	278	Sask.			
Jamestown	106	Chickasha	460	Port Arthur	639	Regina	572	Saskatoon	589
Lockport	509	Drumright	577	Port Arthur	17a				
Middletown	133	Henryetta	297	San Antonio	60				
Newburgh	631	Miami	691	San Antonio	500				
New York	20	Muskogee	384	Sherman	272				
New York	419	Oklahoma	155	Taylor	634				
New York	534	Oklahoma City	18	Temple	119				
New York	664	Okmulgee	406	Texarkana	301				
Niagara Falls	237	Sapulpa	227	Waco	72				
Oswego	328	Tulsa	584	Waco	97				
Poughkeepsie	315	Oregon.			Wichita Falls	681			
Rochester	44	Albany	556	Utah.					
Rochester	86	Astoria	517	Logan	373				
Rome	478	Eugene	529	Ogden	316				
Saratoga Spr'gs	368	Medford	651	Provo City	380				
Schenectady	85	Portland	48	Salt Lake City	57				
Schenectady	140	Portland	125	Salt Lake City	354				
Schenectady	247	Portland	44a	Vermont.					
Schenectady	254	Salem	512	Bellevue Falls	604				
Schenectady	267	Pennsylvania.			Burlington	208			
Schenectady	442	Allentown	375	White River	618				
Schenectady	536	Altoona	457	Virginia.					
Schenectady	565	Butler	10	Hopewell	491				
Schenectady	603	Carbondale	683	Mt. Hope	714				
		Connellsville	674	Newport News	615				
				Norfolk	80				

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Application Blanks, per 100.....	\$.50
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Account Book, Treasurer's.....	.50
Buttons, S. G. (large).....	.75
Buttons, S. G. (small).....	.60
Buttons, R. G.....	.50
Buttons, Cuff, S. G., per pair.....	3.75
Buttons, Cuff, R. G., per pair.....	1.50
Books, set of.....	5.50
Book, Minute for R. S.....	.75
Book, Day.....	.50
Book, Roll Call.....	.50
Charter Fee, for each member.....	1.00
Charms, Rolled Gold.....	2.00
Constitution, per 100.....	5.00
Carbon for receipt books.....	.05
Envelopes, Official, per 100.....	.50
Electrical Worker, subscription, per year.....	.25
Ledger, Financial Secretary's, 200 pages.....	1.50
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Labels, Paper, per 100.....	.15

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Permit Cards, per 100.....	.50
Pins, Telephone Operator's.....	.35
Rituals, extra, each.....	.25
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Receipt Book (750 receipts).....	3.00
Receipt Book, Treasurer's.....	.25
Receipt Holders, each.....	.20
Seal.....	3.50
Traveling Cards, per dozen.....	.50
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Working Cards, per 100.....	.50
Warrant Book, for R. S.....	.25

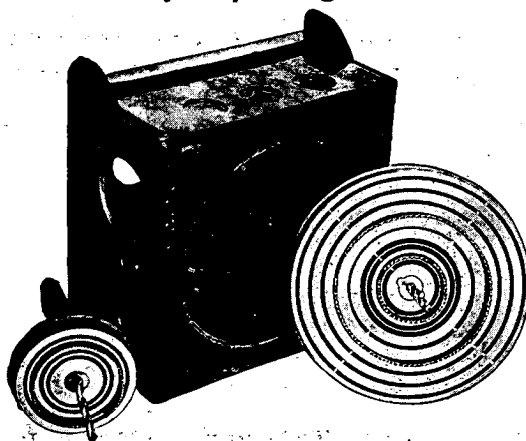


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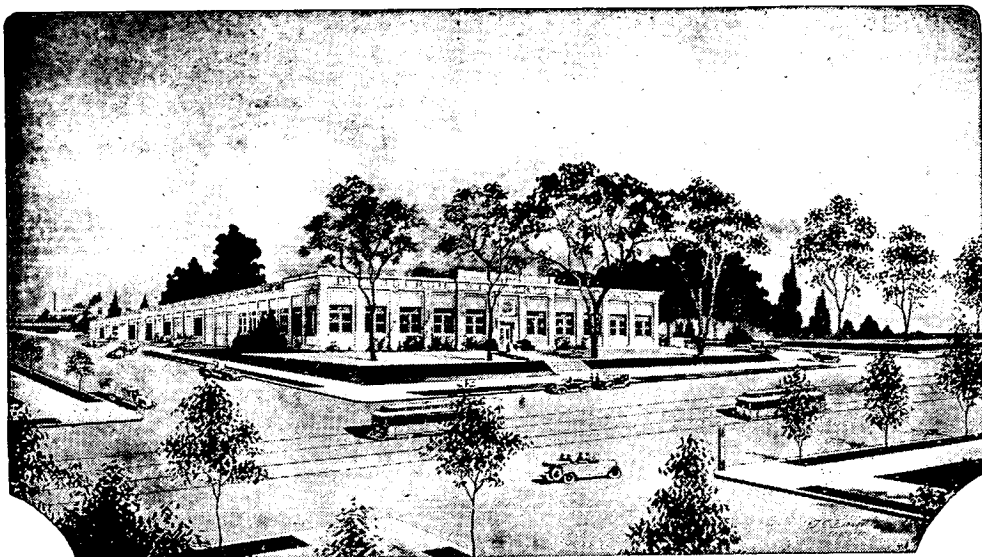
Center Rotary with Oscillating Bit Shank-cutting ¾-in. to 1½-in.....	\$5.00
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Outer Rotary-cutting from 2-in to 4-in. inclusive.....	4.00
Complete Tool center and outer rotary (bit shank).....	8.00
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OCTOBER



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